

The Layman's guide to Carbon Neutrality

Procurri's journey to Carbon Neutral



Be part of

Something

It's about the many doing a little rather than the few doing a lot.



The Paris Agreement, adopted within the United Nations Framework Convention on Climate Change (UNFCC) in December 2015, commits participating countries to limit global temperature rise, adapt to changes already occurring, and regularly increase efforts over time. The primary focus being to control, manage and reduce our global output of Greenhouse gases.

What are Greenhouse Gasses?

These are Gases that trap heat in the atmosphere, all typically occur naturally but are influenced by human activity. The main contributing gasses are:

Carbon Dioxide (CO₂) This enters the atmosphere through burning fossil fuels (coal, natural gas and oil), solid waste, trees and other biological materials along with certain chemical reactions (for example in the production of cement).

Methane (CH₄) is emitted during the production and transport of coal, natural gas and oil, solid waste landfills and livestock and agriculture activities.

Nitrous oxide (N_2O) emitted during agriculture and industrial activities in the combustion of fossil fuels and solid waste as well as water treatment.

Fluorinated gases: Hydrofluorocarbons, perfluorocarbons, sulphur hexafluoride, and nitrogen trifluoride are synthetic, powerful greenhouse gases that are emitted from a variety of household, commercial, and industrial applications and processes. Emitted in less volume but are viewed as potent greenhouse gases trapping substantially more heat per Kg emitted than CO₂.

As with anything if you have an ambition to try and regulate it, then reduce it, you first need to be able to understand it and then have a methodology to calculate it.

Que the Greenhouse Gas Protocol (GHG Protocol), part of the World Resource Institute (WRI), the GHG Protocol is developing standards, tools and online training that helps countries and cities track progress towards their climate goals they are generally acknowledged as the global authority on setting the standard on which organisations, corporate and government sector reference when measuring their Greenhouse Gasses. In their own words "GHG Protocol supplies the world's most widely used greenhouse gas accounting standards. The Corporate Accounting and Reporting Standard provides the accounting platform for virtually every corporate GHG reporting program in the world. In 2016, 92% of Fortune 500 companies responding to the CDP used GHG Protocol directly or indirectly through a program based on GHG Protocol."

So, what about the IT sector specifically?

Emissions from the ICT sector projected in 2030 – calculated based on the assumption that ICT emissions are predicted to be approximately 2% of total emissions in 2030, equivalent to 1.25 Gt CO₂e in 2030 or 1,250,000,000 Tons of CO₂.

So, whilst ICT may only represent 2% there is still a significant amount of CO_2 associated with it.

Back to our fundamental Procurri building block – It's about the many doing a little rather than the few doing a lot. It is up to all of us to make some positive changes.

> ICT CO₂ emissions are predicted to be **1.25 gigatons** in 2030.



The GHG Protocol breaks down the reporting of Greenhouse Gases into 3 reporting criteria

SCOPE All fossil fuels consumed Within the business in its Owned or leased Facilities & company vehicles. Also includes refrigerant loss found within air conditioning. Electricity Consumed in owned or leased facilities & company vehicles. All other areas, identified as 15 core reporting lines, typ-2 ically representing up to 80% of an Organisations CO2 emissions. Scope 3 captures movements within the supply chain of an organisation - areas that the organisation does not necessarily have direct control over. It is generally GHG Protocol breaks these down into 15 sub sets to assist thought that up to with reporting. Some may not be relevant to an organisation but the 15 sub sets should create a good foundation for 80% of companies capturing the lifecycle GHG emissions of all activities associated within an organisation. Greenhouse gas emissions can be found in Scope 3 reporting.

GHG Protocol Scope 3 sub sets

1. Purchased Goods & services

Extraction, production, and transportation of goods and services purchased or acquired by the reporting company in the reporting year, not otherwise included in Categories 2 - 8.

2. Capital Goods

Traction, production, and transportation of capital goods purchased or acquired by the reporting company in the reporting year.

3. Fuel- and energy related activities

(not included in scope 1 or scope 2)

Extraction, production, and transportation of fuels and energy purchased or acquired by the reporting company in the reporting year, not already accounted for in scope 1 or scope 2.

4. Upstream transportation and distribution

Transportation and distribution of products purchased by the reporting company in the reporting year between a company's tier 1 suppliers and its own operations (in vehicles and facilities not owned or controlled by the reporting company along with transportation and distribution services purchased by the reporting company in the reporting year, including inbound logistics, outbound logistics (e.g., of sold products), and transportation and distribution between a company's own facilities (in vehicles and facilities not owned or controlled by the reporting company.

5. Waste generated in operations

Disposal and treatment of waste generated in the reporting company's operations in the reporting year (in facilities not owned or controlled by the reporting company.

6. Business travel

Transportation of employees for business-related activities during the reporting year (in vehicles not owned or operated by the reporting company).

7. Employee commuting

Transportation of employees between their homes and their worksites during the reporting year (in vehicles not owned or operated by the reporting company).

8. Upstream leased assets

Operation of assets leased by the reporting company (lessee) in the reporting year and not included in scope 1 and scope 2 – reported by lessee.

9. Downstream transportation and distribution

Transportation and distribution of products sold by the reporting company in the reporting year between the reporting company's operations and the end consumer (if not paid for by the reporting company), including retail and storage (in vehicles and facilities not owned or controlled by the reporting company).

10. Processing of sold products

Processing of intermediate products sold in the reporting year by downstream companies (e.g., manufacturers).

11. Use of sold products

End use of goods and services sold by the reporting company in the reporting year.

12. End of life treatment of sold products

Waste disposal and treatment of products sold by the reporting company (in the reporting year) at the end of their life.

13. Downstream leased assets

Operation of assets owned by the reporting company (lessor) and leased to other entities in the reporting year, not included in scope 1 and scope 2 – reported by lessor.

14. Franchises

Operation of franchises in the reporting year, not included in scope 1 and scope 2 – reported by franchisor.

15. Investments

Operation of investments (including equity and debt investments and project finance) in the reporting year, not included in scope 1 or scope 2.



From Procurri's perspective, that's it in a nutshell. We have been working hard to collate our emissions as an organisation and have them independently verified, something we have achieved during 2021, receiving our CO₂ Assessed recognition in April 2022. Once you have an independently certified value for your Carbon footprint you can elect how to manage it. Procurri has elected to offset our global carbon footprint, purchasing credits from two recognised carbon offset programs. It is Important to ensure you engage globally recognised and regulated carbon offset programs. By purchasing this offset we are in effect Carbon neutral as a global business - it's been a bit of a journey to get here, but let me tell you, it feels pretty good.

Gold Standard[®]

Up Energy Improved Cookstoves Programme, Uganda

Certified by Gold Standard, climate security & Sustainability Development

UpEnergy's stoves replace primarily the traditional threestone fires. Since it was founded, UpEnergy has served over 125,000 Ugandans. The environmental impact is considerable, with 30,000 tonnes of CO_2 emissions avoided and over 120,000 trees saved thus far.

The households we serve save several hours per day through reduced time needed for cooking and fuel collection, and those who purchase fuel save \$72 per year.

Perhaps the most compelling impact on the individual level comes from the income generating opportunities we offer our retailers and sales agents providing them with income to support their families.

VERRA

Energising India using Solar Energy Projects

Certified by Verified Carbon Standard (A Verra Standard)

The project is a step towards supporting the implementation and installation of five grid connected renewable solar energy power plants in India. The main goal of project activity is to implement renewable energy projects in the country and the significant importance of revenues from sale of carbon credits to achieve this goal forms the basis of the implementation of this project.

The total capacity of the project activity is 480MW and the power produced displaces an equivalent amount of power from the activity and is expected to reduce emissions by around 850,000 tonnes of CO_2e each year.

Support the goals



Support the goals



What does this mean when working with Procurri?

Procurri is a certified Carbon Neutral business, not only can you be assured of the usual quality and expertise associated with Procurri, but also that working with us positively impacts your scope 3 reporting.

We have discussed the importance of scope 3 reporting and how much of an organisations Carbon footprint resides in their supply chain.

Working with Procurri enables your organisation to piggy back our Carbon Neutral status as part of your scope 3 reporting for your own organisations benefit and importantly your customers.



Carbon Neutral Organisation

Be part of

Something

It's about the many doing a little, rather than the few doing a lot.

For more information on our journey to Carbon Neutral and how your organisation can do **something**, visit procurri.com/something or contact your sales rep.







procurri.com