

# ***Rectifier Engineering Services Pvt Ltd***

## ***R-ProView ESG Reporting software***

How to achieve Net Zero



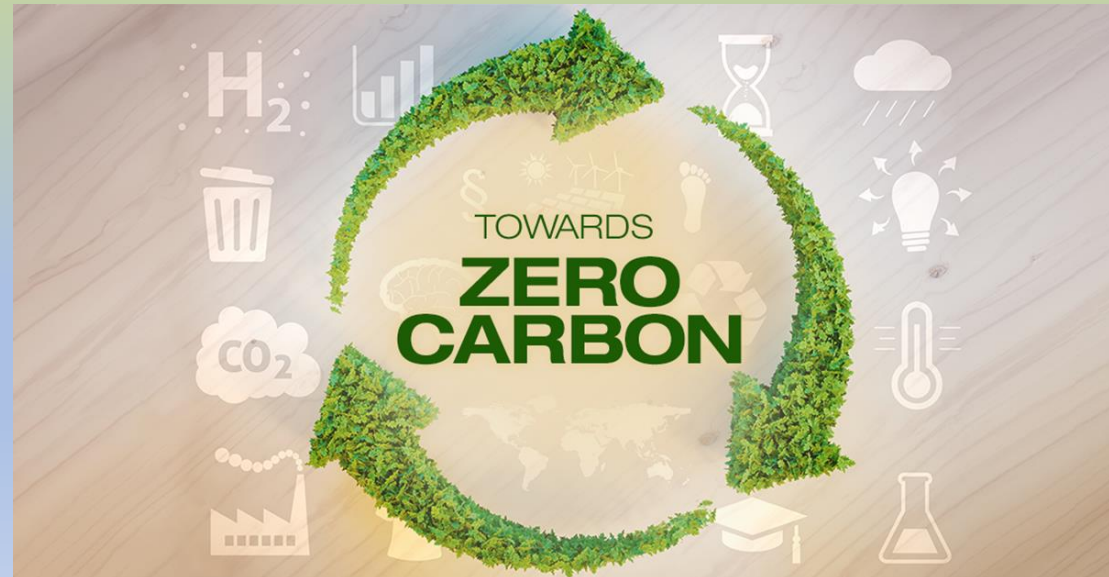
# Introduction

There is lots of Discussion is going on and many organizations are feeling pressure to set net zero targets to do their part in preventing the impacts of climate change in accordance with the Paris Agreement and Kyoto Protocol. Setting a target is one thing, but achieving that target is complex, multi-faceted, and riddled with uncertainty. Here, we break down what is net zero, why it is important, the different paths to reaching it, and how *R-ProView* can help.



# What is Net Zero

NET ZERO is a goal that aims to cut greenhouse gas emissions to as close to zero as possible, with any remaining emissions removed from the atmosphere through mitigation methods like carbon capture technology and carbon offset projects.



# Why is Net Zero Important?

As per *Paris Agreement* commitments from all countries to reduce their emissions and work together to adapt to the impacts of climate change, and calls on countries to strengthen their commitments over time. Emissions need to be reduced by 45% by 2030 and reach net zero by 2050 in order to avert the worst impacts of climate change and build a sustainable future for the planet. Currently as per agreement still we are not able to reduce the emission and we are not able to hold the rise of temp below 1.5 degree C.

With many countries around the world already feeling these impacts, more organizations and governments need to make reaching net zero a priority to reduce the devastating effects of climate change.

# Method to address Emission and Reducing Impact

Here By using following methods we can monitor/Address the Emission and we can plan to reduce it.

**1. Science based data approach-** We need to calculate the emission based on scientific data as per Science based Target Initiative SBTi 90% decarbonization can be done within organization internal activities.

To get started on the path to reducing emissions, organizations must develop near-term and long-term science-based targets aligned with their net zero goals. There are multiple ways to do this but the SBTi recommends following these steps:

- I. Select a base year
- II. Calculate your company's emissions
- III. Set target boundaries
- IV. Choose a target year
- V. Calculate science-based targets

## 2. Carbon Offset-

Carbon offsets are the reduction or removal of emissions made in order to compensate for emissions made elsewhere.

Common examples include reforestation projects, regenerative agriculture, and nature conservation projects. The SBTi says offsetting can play two roles in science-based net-zero strategies:

- To compensate or to neutralize emissions while an organization transitions towards a state of net-zero emissions.
- To neutralize residual emissions within an organization's value chain with an equivalent amount of carbon dioxide removals.
- The SBTi also states that offsetting does not replace the need to reduce value chain emissions in line with science

### **3. Carbon Capture and Storage-**

Carbon capture and storage is the process of capturing carbon dioxide (CO<sub>2</sub>) before it enters the atmosphere, transporting it, and storing it. Currently, there are only 22 CCS projects globally that are operational or under construction according to the [Global CCS Institute](#).

The SBTi states in their Pathway to Net Zero guidance that, “No pathways currently used by the SBTi include CO<sub>2</sub> removal with geologic storage in the pathway boundary.” Like carbon offsets, the SBTi states that carbon capture does not replace the need to reduce value chain emissions.

# How *R-ProView*(A SaaS based Platform) Can help you to Reach the NetZero

Reaching NetZero not a simple task or it cant be achieved in one day but we can make a proper plan to address the emission with science based data and then with the help of proper monitoring on regular basis we can make a plan to achieve the NetZero. With The help of **R-ProView** Software and Data base Management System we can work following way.

- Set Science Based Targets and Custom Decarbonization Targets
- Identification of all parameters which are the root cause of Carbon emission.
- Identify Decarbonization “What If” Scenarios
- Track Your Progress with Project Dashboards
- Forecast Baseline Emissions to Compare Against Different Scenarios



# ESG Reporting Framework

Our software is designed with following ESG reporting framework.

## **Global Report Initiative GRI-:**

Global Reporting Initiatives a leader in sustainability worldwide. The organization is the product of the union of CERES with the Tellus Institute, and because it is more than 20 years old, it has already delivered to society many sustainability reporting guidelines. Our Software is well designed with each section templates of GRI guidelines.

## **Business Responsibility and Sustainability Reporting-:**

As now days every business focused on sustainability and that is not possible if our business are not compatible with our nature. Looking on this SEBI has required the 1000 largest listed companies by market capitalisation must mandatorily file BRSR reports as part of the annual reports from FY 2022-23 onwards. BRSR is an integrated reporting framework. Its purpose is to increase the level of reporting on environmental, social, and governance (ESG) performance. BRSR requires enterprises to report ESG performance indicators to ensure that they practise responsible business and achieve sustainable development.

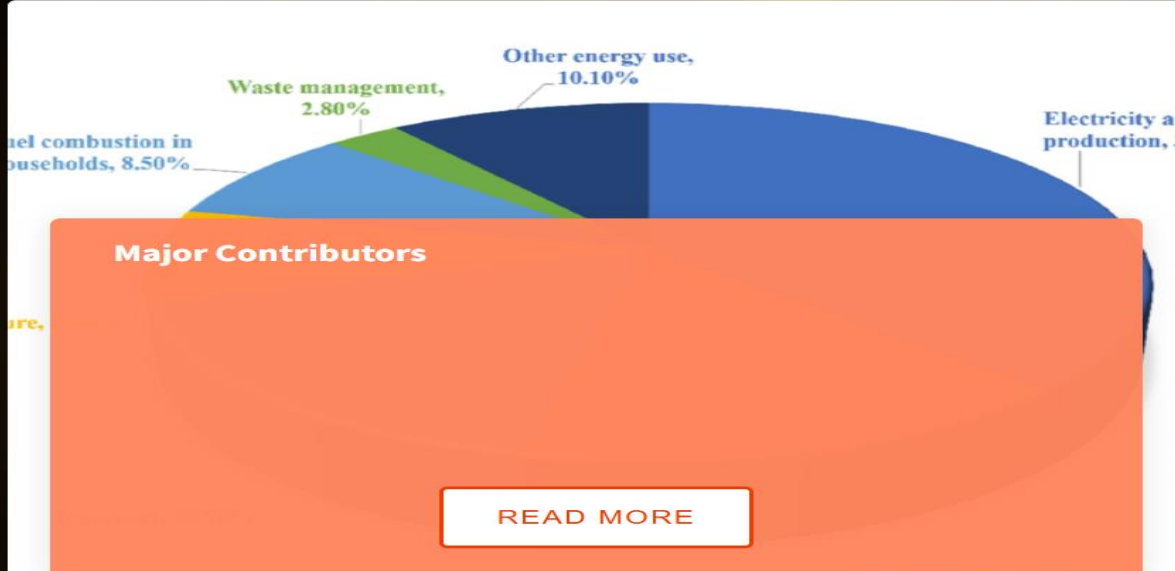
Our Customer can use BRSR reporting templates in our **R-ProView** software to publish the report.

# R-ProView ESG Reporting Dashboard

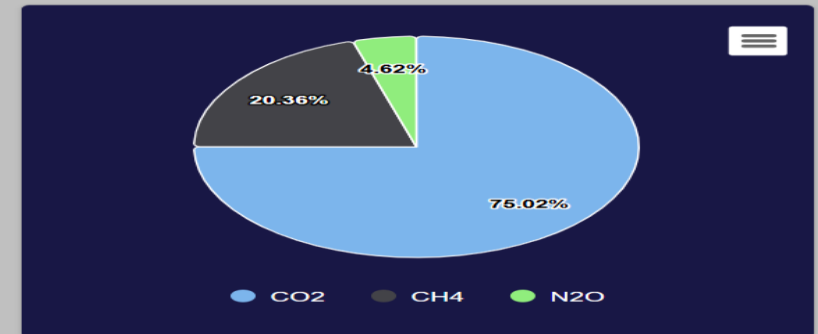
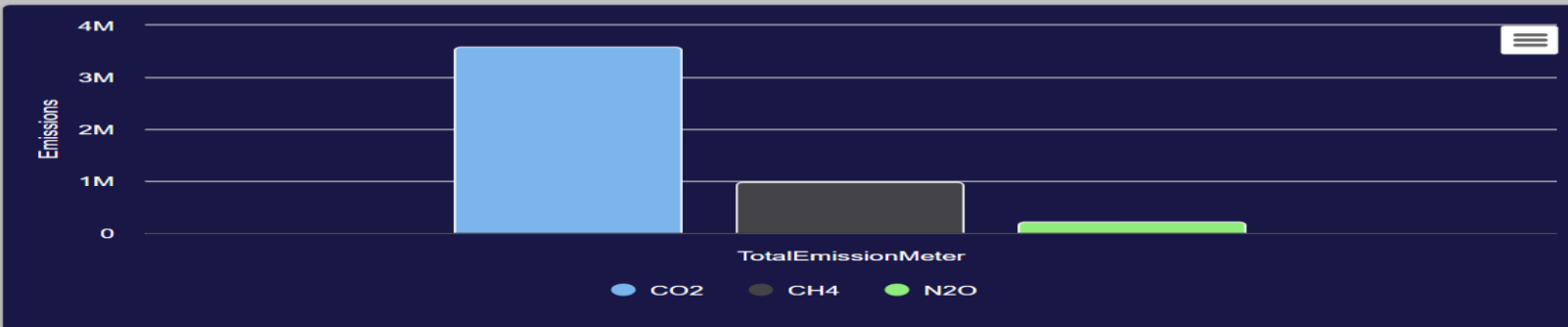
The dashboard features a dark blue header with the R-PROVIEW logo (a gear with a lightbulb) and the text "R-PROVIEW ESG | ENERGY | PROCESS". Navigation links include "Home", "Setting", "Admin", and "Logout". The main content area has a golden background with three cards: "Carbon Emissions Data" (with a "CO2" graphic), "GRI Reporting Framework", and "BRSR Reporting Framework". Each card has a "READ MORE" button.

This interface has a blue header with "ESG | ENERGY | PROCESS". It contains a row of buttons: "Download Template", "Fetch", "Export to Excel", "Choose File" (with "No file chosen" text), and "Upload Template". Below these buttons is a large, empty grey rectangular area, likely a placeholder for a report or data visualization.

# Continue...



R-PROVIEW



| TotalEmissionMeter | Total CO <sub>2</sub> Emissions | Total CH <sub>4</sub> Emissions | Total N <sub>2</sub> O Emissions |
|--------------------|---------------------------------|---------------------------------|----------------------------------|
|                    | 3589135.97                      | 974313.09                       | 220956.71                        |

Thanks

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Call us on- 7043371412 for Demo and Free Trial