

# TCS Zero Carbon Platform

Measure and Monitor Your Organizations Carbon Footprint



1

## Introduction to TCS Zero Carbon Platform

# Introducing Zero Carbon Platform

TCS Zero Carbon Platform is aimed at helping **organizations manage and monitor their carbon footprints and adopt sustainable business practices**

- Calculation
- Dashboards
- Automation
- Extension

tcs ZeroC

HomeUpload ReportDashboard

Log out

Dashboard

Export as PDF

Year  
Select..

Assessment Cycle  
Select..

Total Emission  
4.653 tonnes

2030 Target  
3.200 tonnes

1.6 tonnes

Scope 1  
4.1  
TONNES

Scope 2  
4.6  
TONNES

Scope 3  
0  
TONNES

OVERALL SCOPE EMISSION

Scope 1  
22,660.00

Scope 2  
21,461.01

Scope 3  
2751.43

EMISSION REDUCTION

12%  
Total Emission Reduction  
from Baseline Report

Target Reduction  
by 2027  
80%

Scope 1 Reduction  
1,132 tonnes

Scope 2 Reduction  
2,147 tonnes

Scope 3 Reduction  
3,200 tonnes

Total Reduction  
6,479 tonnes

EMISSION DATA BASE

Configure Emission Parameter

Submit Assessment

Save Configuration

Emission Data Base

Search for precise results

Sector  
Select..

Category  
Select..

Region  
Select..

Source  
Select..

Year  
Select..

Unit Type  
Select..

Name	Source	Year	Unit	Sector	Category
Add Furniture/other manufacture...	EXW/BASE	2021	Money	Consumer Goods and Se...	Furniture and household
Add Beverages	EXW/BASE	2021	Money	Consumer Goods and Se...	Food/beverages/tobacco
Add Construction work	EXW/BASE	2021	Money	Buildings and infrastru...	Construction
Add Meat products	EXW/BASE	2021	Money	Consumer Goods and Se...	Food/beverages/tobacco
Add Hotel stay	BES	2021	room night	Restaurants	Accommodation
Add Vehicle purchase	BES	2021	Money	Transport	Vehicles

Data Added

Name	Source	Year	Unit	Sector	Category
Vehicle purchase	BES	2021	Money	Transport	Vehicles
Vehicle parts	BES	2021	Money	Transport	Vehicles
Vehicle servicing	BES	2021	Money	Transport	Vehicles

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Contact Us

For enquiries relating to TCS  
ZeroC, please mail to  
zeroc.support@tcs.com

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Brower and Display Compatibility

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# TCS Zero Carbon Platform - Introduction



## Calculation



### Setting Your Baseline

Use the platform to submit data relevant to your organization (Scope 1,2 and 3) to calculate your carbon emissions and **set your baseline**



## Dashboards



### Various Mgmt. Levels

A fully customized dashboard with breakdown of your carbon emissions will be **displayed in real-time.**



## Automations



### Automated Input

**Automate your data** entry by integrating TCS ZeroC with your data source.



## Extension



### Reduction Initiative

Prioritization of Carbon Emission Reduction Initiative by introducing Technologies such as **IOT** and **real-time monitoring tools**

- Use a simple interface to input your data
- Upload supporting documents
- Create an approval workflow to approve data being entered on the system

The screenshot shows the 'Electricity' input form for 'TCS Singapore: 51 Changi Business Park Central S, 486062 Singapore'. The form has tabs for 'Electricity', 'Water', and 'Transport'. The 'Electricity' tab is active, showing a table with columns for 'Source', 'Usage', 'Units', and 'Supporting Document(s)'. The table has two rows: 'National Grid' and 'Solar/Carbon Neutral Sources'. A 'Save as draft' button is at the bottom.

The screenshot shows the 'Preview' view of the carbon calculation data for 'TCS Singapore: 51 Changi Business Park Central S, 486062 Singapore'. The 'Preview' tab is active, showing a table with columns for 'Source', 'Usage', 'Units', and 'Supporting Document(s)'. The table has two rows: 'National Grid' and 'Solar/Carbon Neutral Sources'. Below the table, there are sections for 'Water Consumption' and 'Travel'.

Source	Usage	Units	Supporting Document(s)
National Grid	1,000	kWh	document.pdf
Solar/Carbon Neutral Sources	1,000	kWh	document.pdf

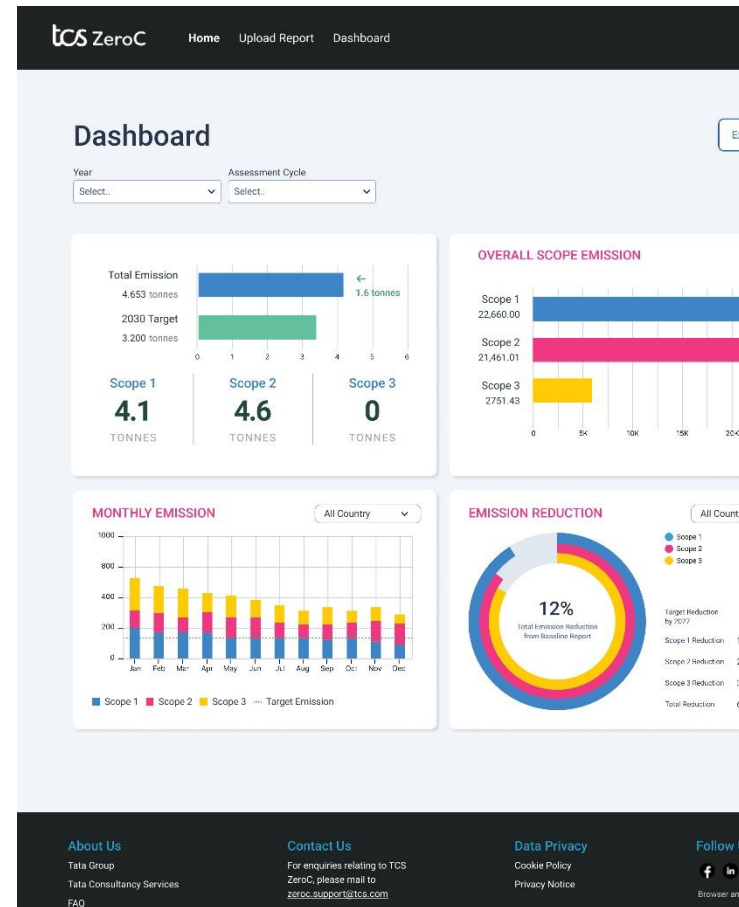
Source	Usage	Units	Supporting Document(s)
National Grid	1,000	kWh	document.pdf
Solar/Carbon Neutral Sources	1,000	kWh	document.pdf

Source	Usage	Units	Supporting Document(s)
National Grid	1,000	kWh	document.pdf
Solar/Carbon Neutral Sources	1,000	kWh	document.pdf

# TCS Zero Carbon Platform Dashboard

- Interactive dashboard to track and monitor your carbon emission.
- Create Customised dashboards for different management levels
- Consolidated dashboard for multi-locations



# Key Highlights of Zero Carbon Platform

## Set Your Baseline

Input Your Historical Data and Set your baseline



## Emissions Level

Check your Emission Levels using available data libraries



## Dashboards

Create multiple dashboards for your organization



## Set Your Goals

Set your targets for emission levels and track your progress



## Net-Zero Journey

Plan your net-zero journey with our consultants

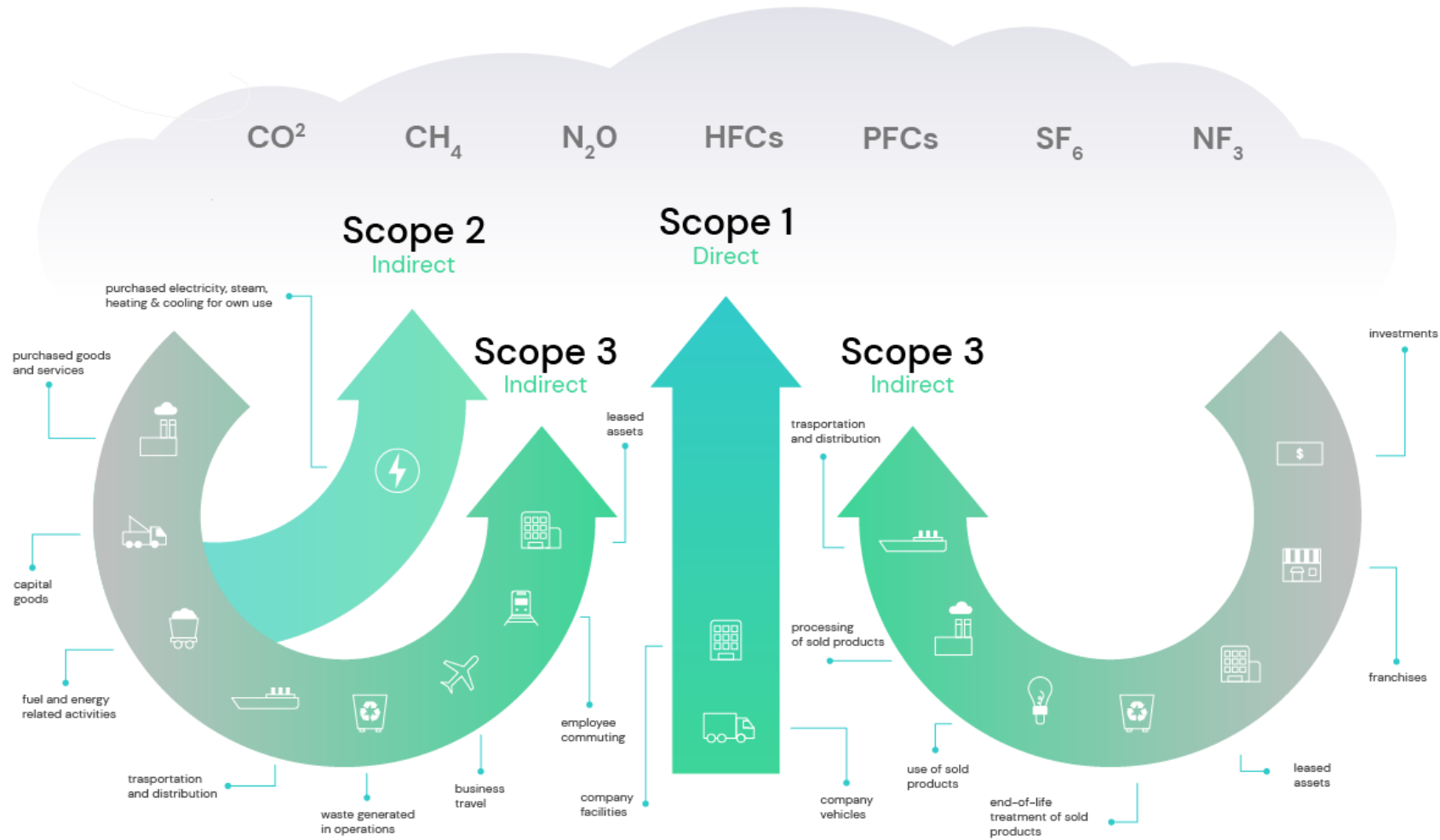


## Certification

Work with our partners to audit and certify your emission levels



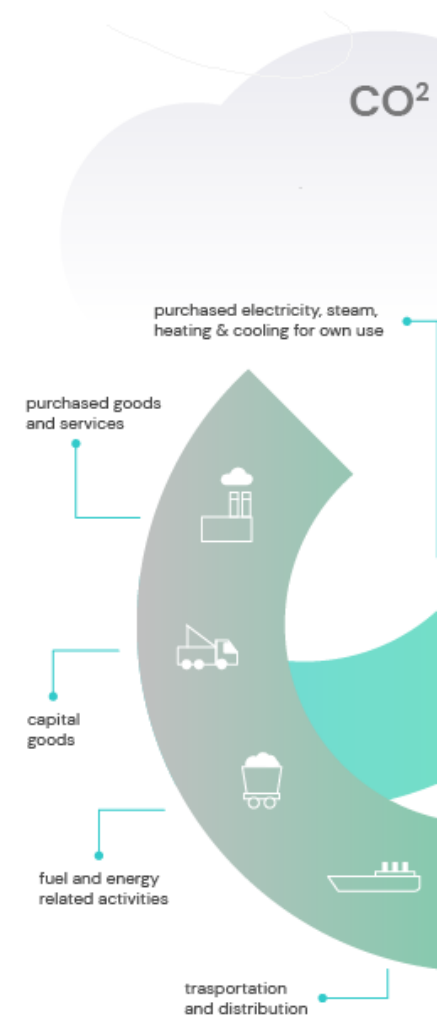
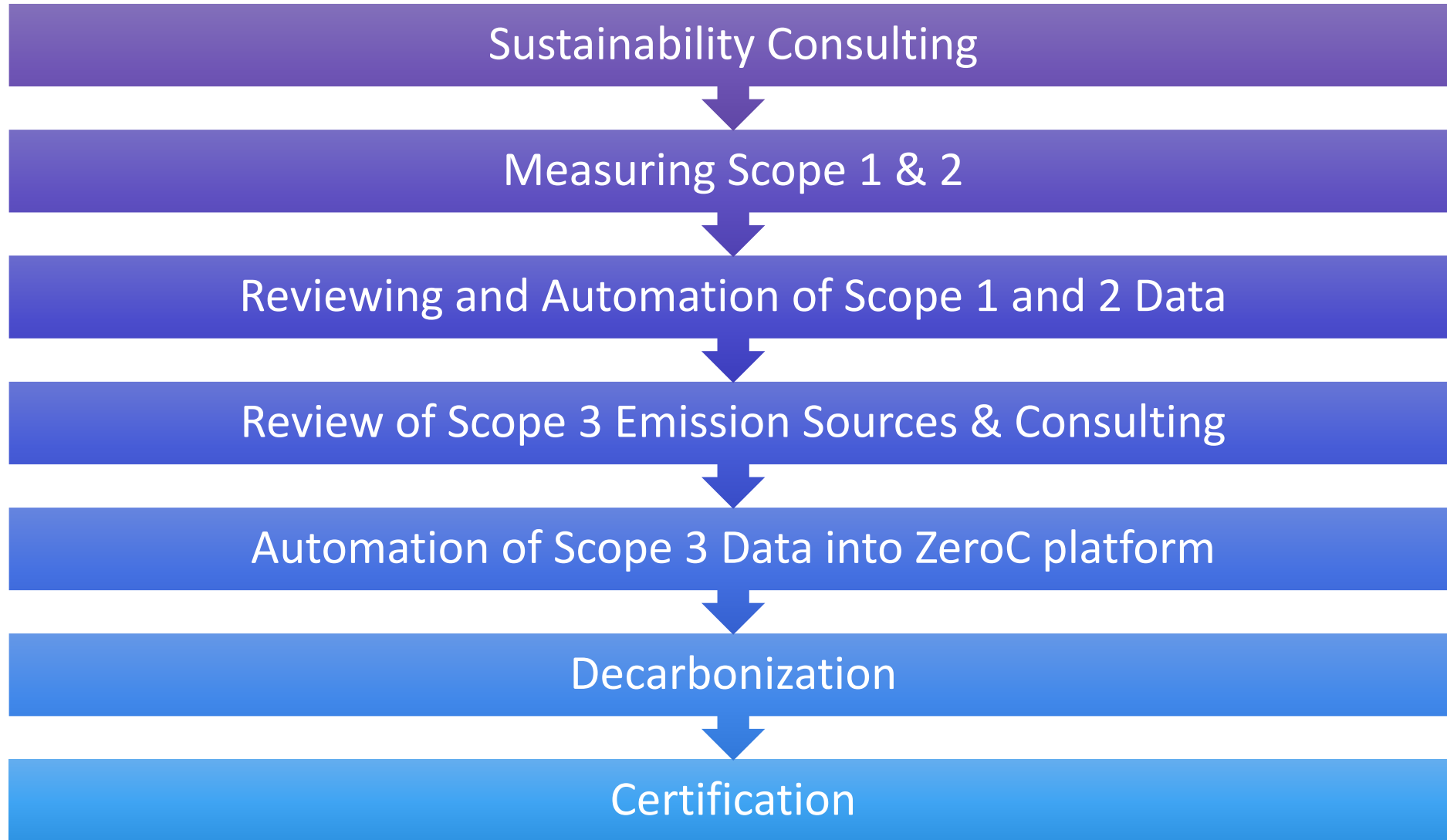
# Adopting TCS ZeroC in your organisation



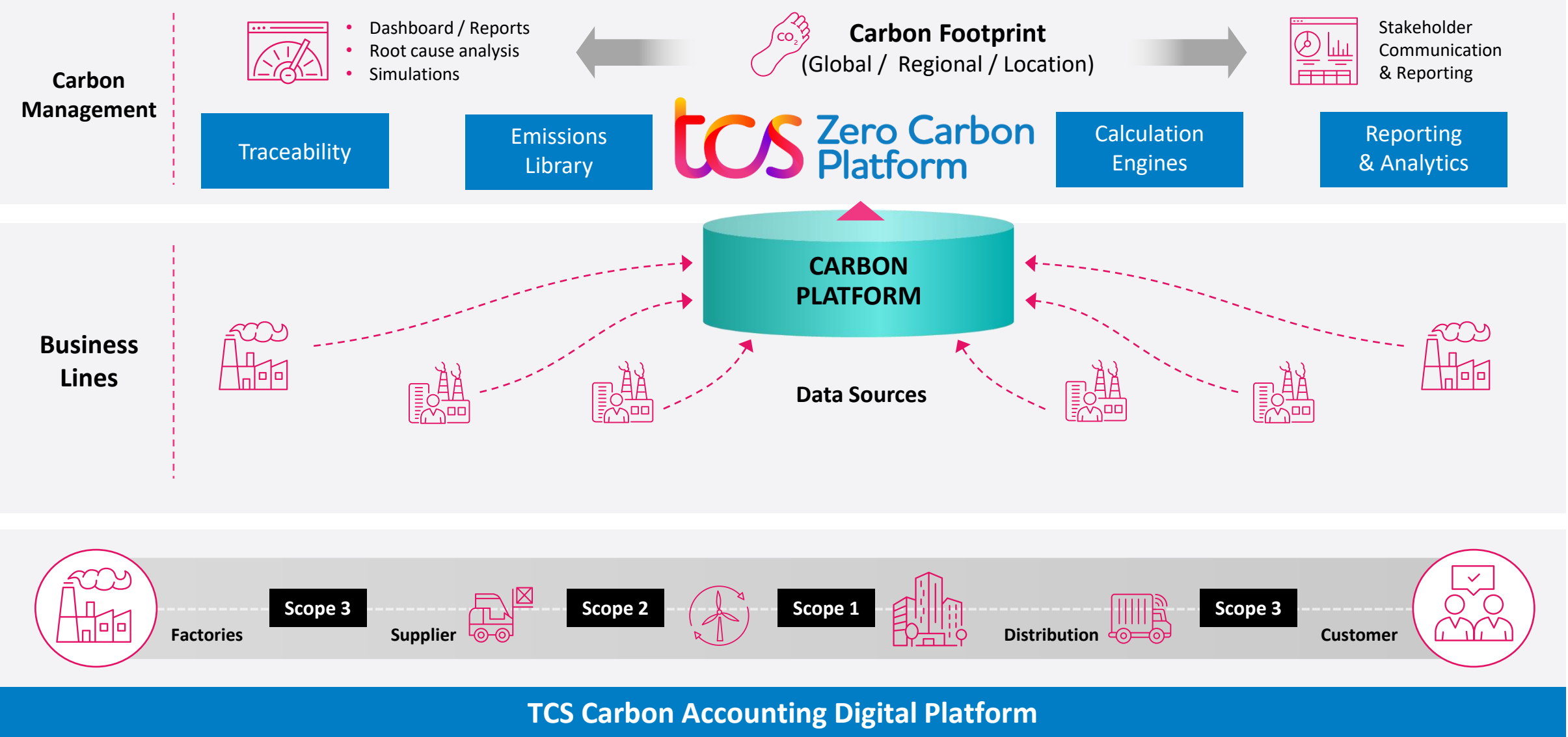
**TCS Zero Carbon Emissions Platform provides end to end tracking of Scope 1, 2 and 3 Emissions of your organisation**



# Sustainability Journey with TCS Zero Carbon Platform

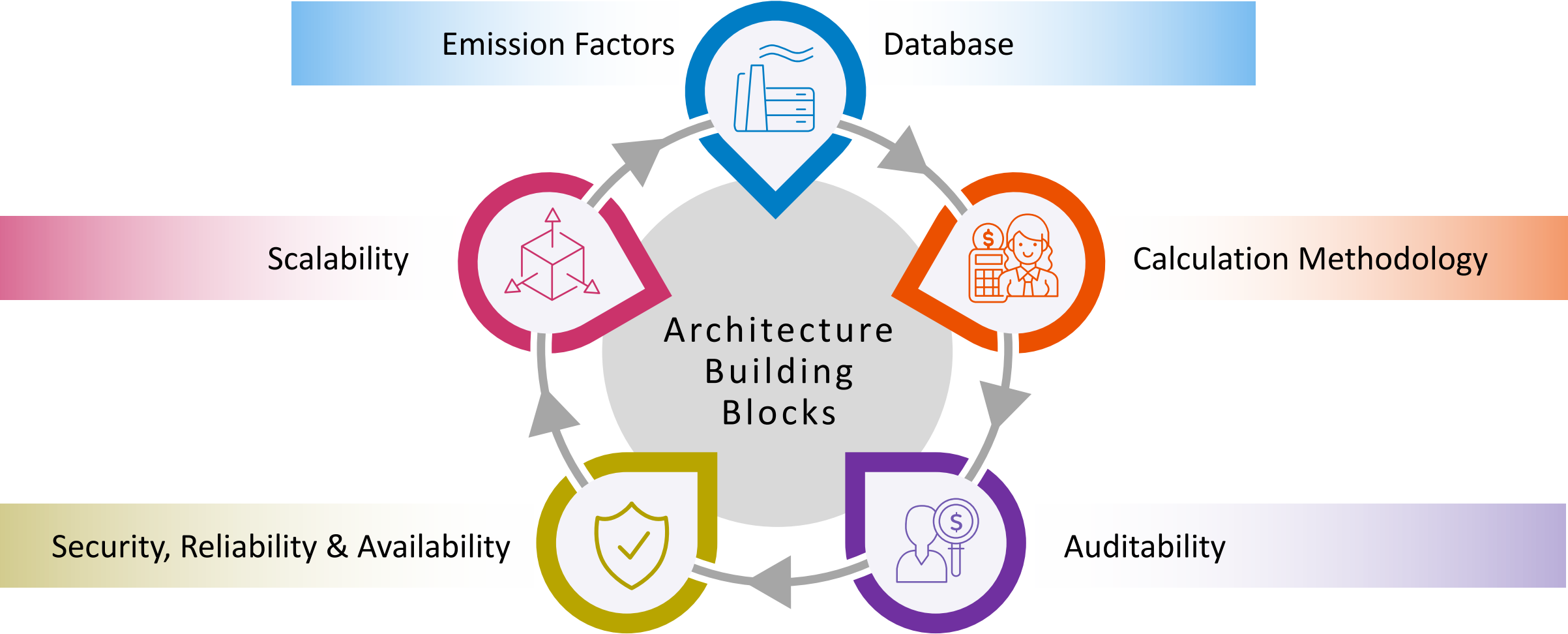


# An End-to-end Carbon Platform



# TCS Zero Carbon Platform

Simplified View: Key Architecture Building Blocks



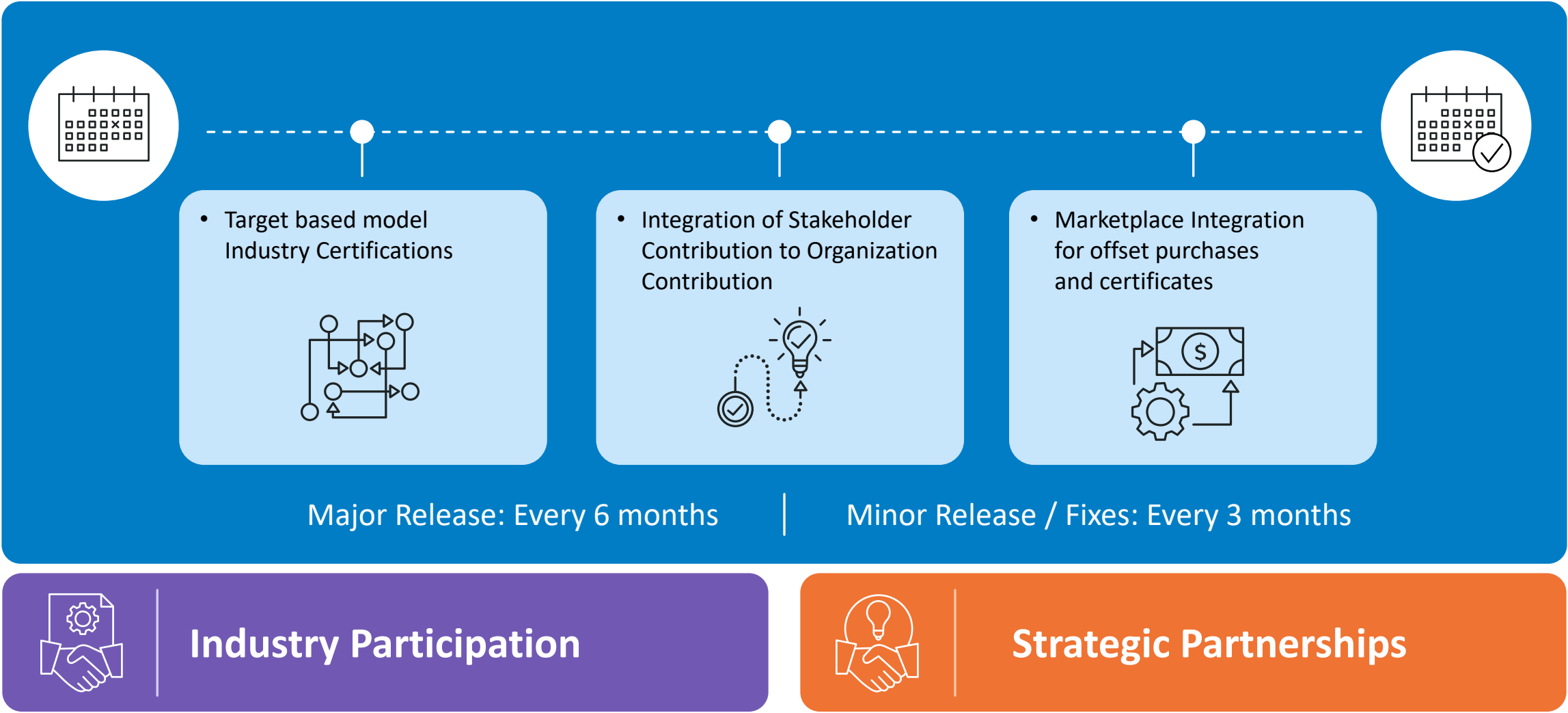
# TCS Collaboration with UNGC Malaysia & Brunei



“I would like to take this opportunity to commend the UN Global Compact Network Malaysia & Brunei and Tata Consultancy Services Asia Pacific for working together in developing the **Zero Carbon Platform** Tool, which will facilitate businesses in their transition to Net-Zero.”

- UNGCMYB has over 250 members in Malaysia and growing.
- TCS Zero Carbon platform was introduced as a platform for these businesses to start their journey on carbon emission tracking, taking them a step closer to achieving the Sustainable Development Goals (SDGs).
- Started of as a pilot for 5 major organizations in Malaysia. Once pilot was completed in a span of 3 months, suggested changes and improvements were implemented before final product was launched.
- This was officially launched on 5th April 2022 during SBTi Symposium by YB Dato' Sri Mustapa Mohamed, Minister in the Prime Minister's Department (Economy), Economic Planning Unit.

# TCS ZeroC - Roadmap





Thank You