

TCS Zero Carbon Platform

Measure and Monitor Your Organizations Carbon Footprint



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Introduction to TCS Zero Carbon Platform

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

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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**

Carbon Calculation

Building on belief

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

TCS ZeroC Home Dashboard Markets

TCS Singapore: 51 Changi Business Park

Electricity Water Tra

Jan

Source

Grid/Coal/Fossil

Solar/Carbon Neutral Sources

Save as draft

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TCS ZeroC Home Dashboard Markets

TCS Singapore: 51 Changi Business Park

Electricity Water Transport Waste Preview

Electricity Consumption

Source	Usage	Units	Supporting Documents
Grid/Coal/Fossil	10,000	kWh	document.pdf
Grid/Coal/Fossil	10,000	kWh	document.pdf

Water Consumption

Source	Usage	Units	Supporting Documents
Grid/Coal/Fossil	10,000	kWh	document.pdf
Grid/Coal/Fossil	10,000	kWh	document.pdf

Travel

Source	Usage	Units	Supporting Documents
Grid/Coal/Fossil	10,000	kWh	document.pdf
Grid/Coal/Fossil	10,000	kWh	document.pdf

Waste

Source	Usage	Units	Supporting Documents
Grid/Coal/Fossil	10,000	kWh	document.pdf
Grid/Coal/Fossil	10,000	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



tcs
Zero Carbon Platform



Set Your Goals

Set your targets for emission levels and track your progress



Net-Zero Journey

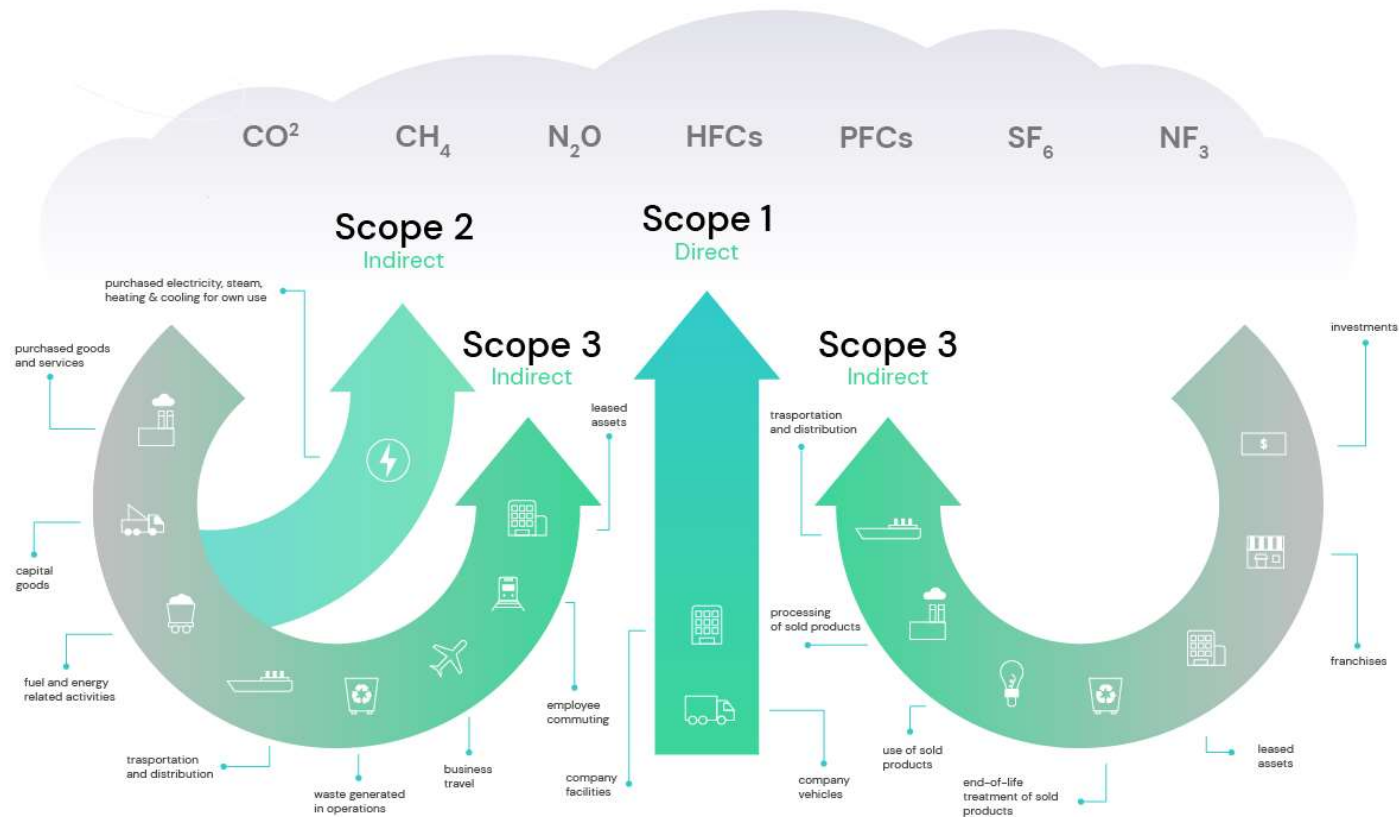
Plan your net-zero journey with our consultants



Certification

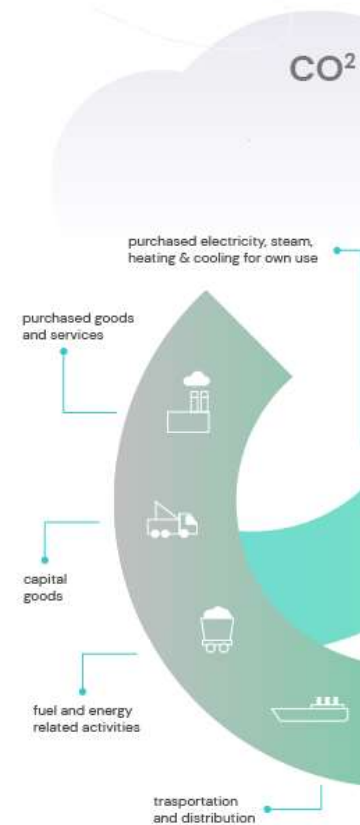
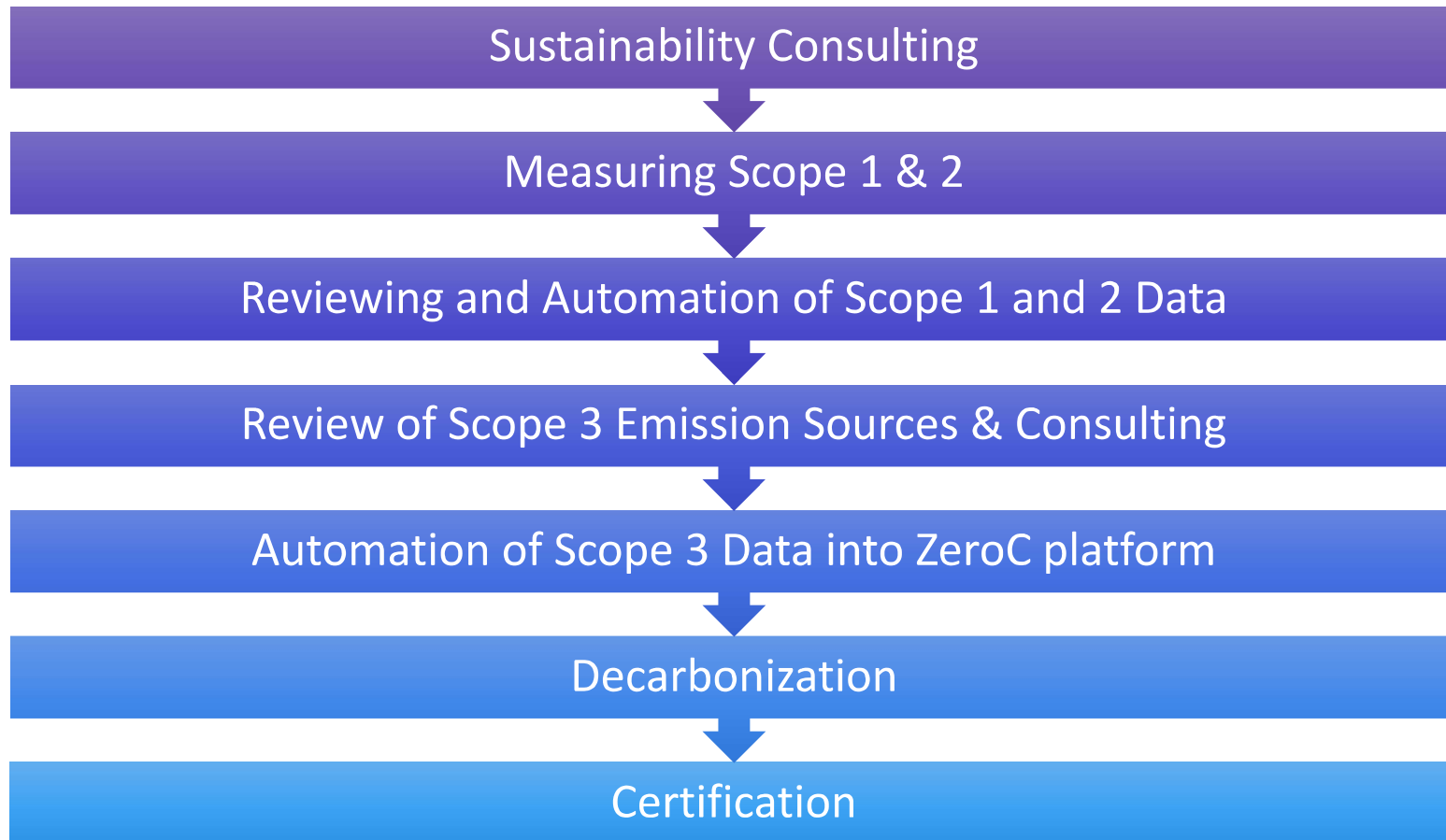
Work with our partners to audit and certify your emission levels

Adopting TCS ZeroC in your organisation

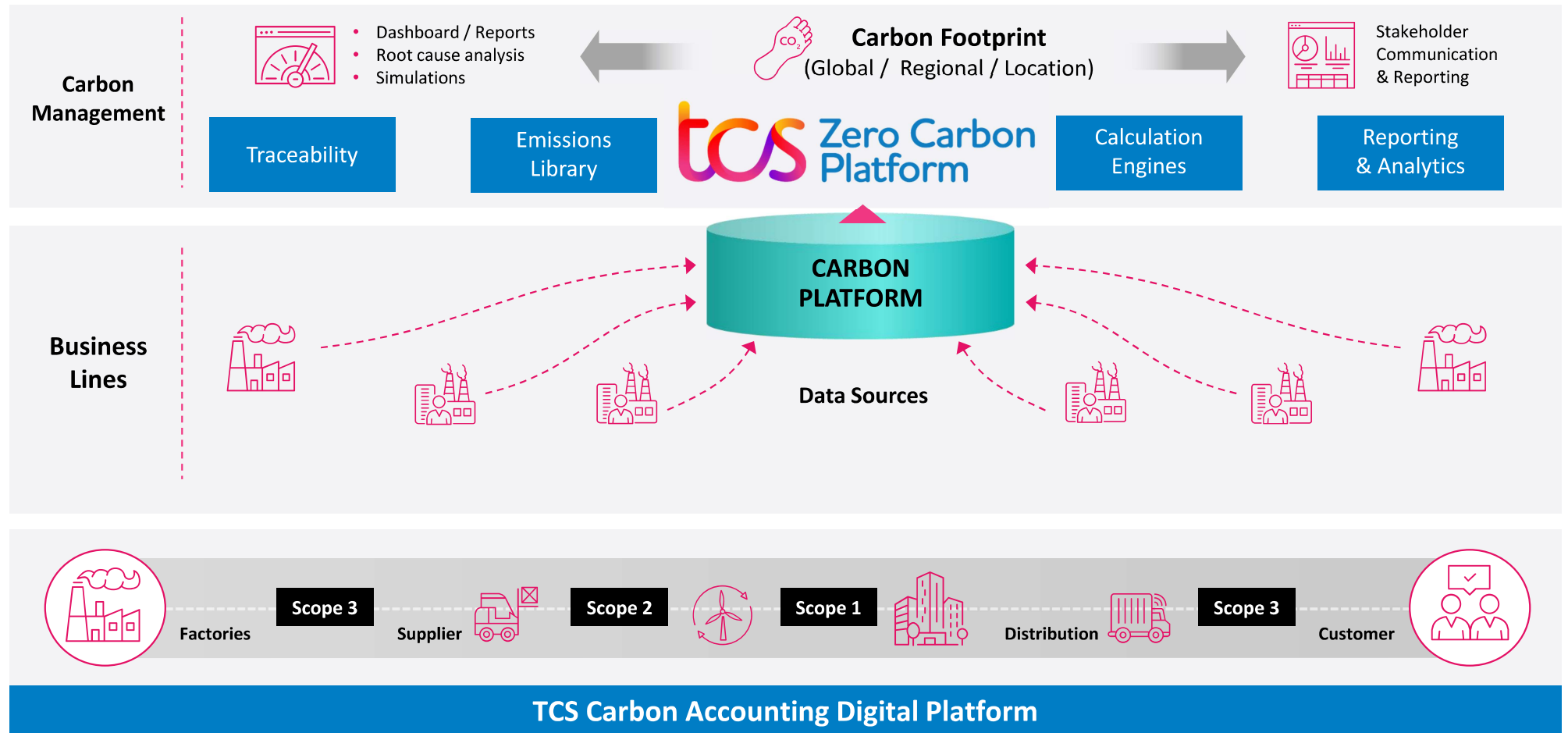


TCS Zero Carbon Emissions Platform provides end to end tracking of Scope 1, 2 and 3 Emissions of your organisation

Sustainability Journey with TCS Zero Carbon Platform

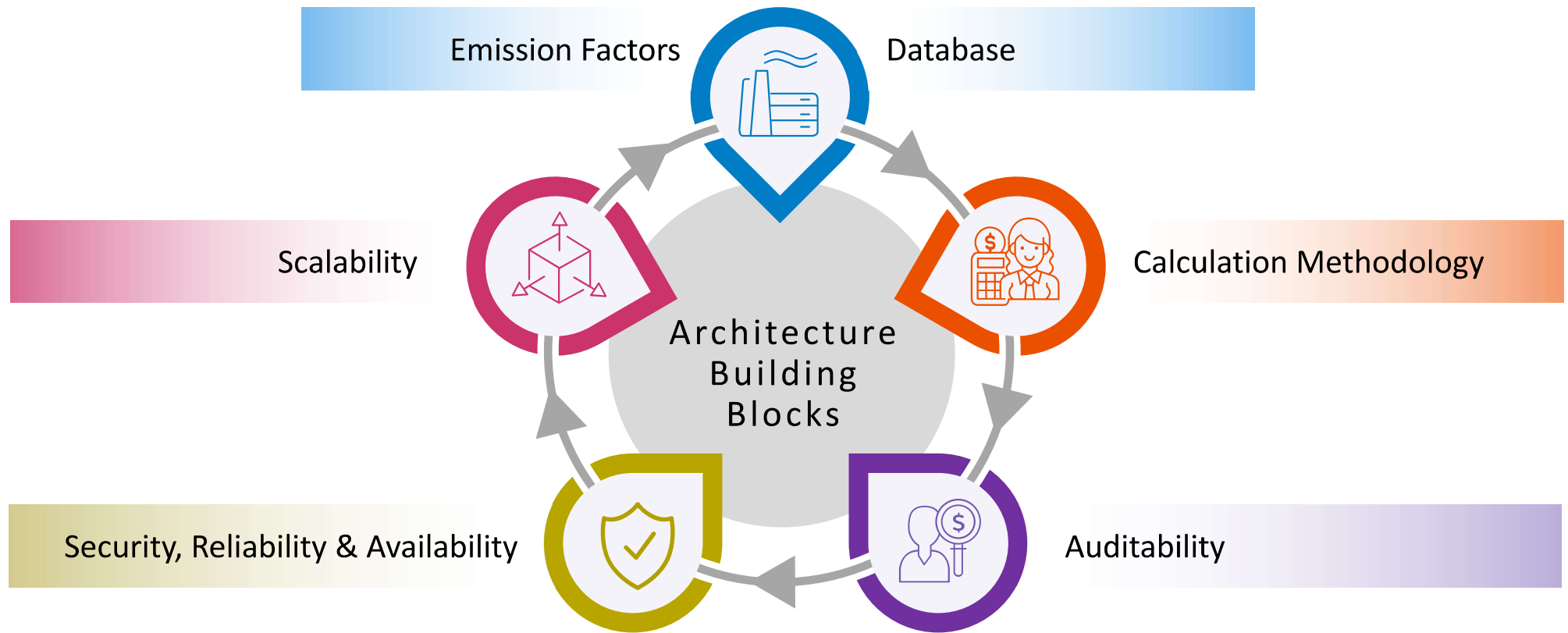


An End-to-end Carbon Platform



TCS Zero Carbon Platform

Simplified View: Key Architecture Building Blocks



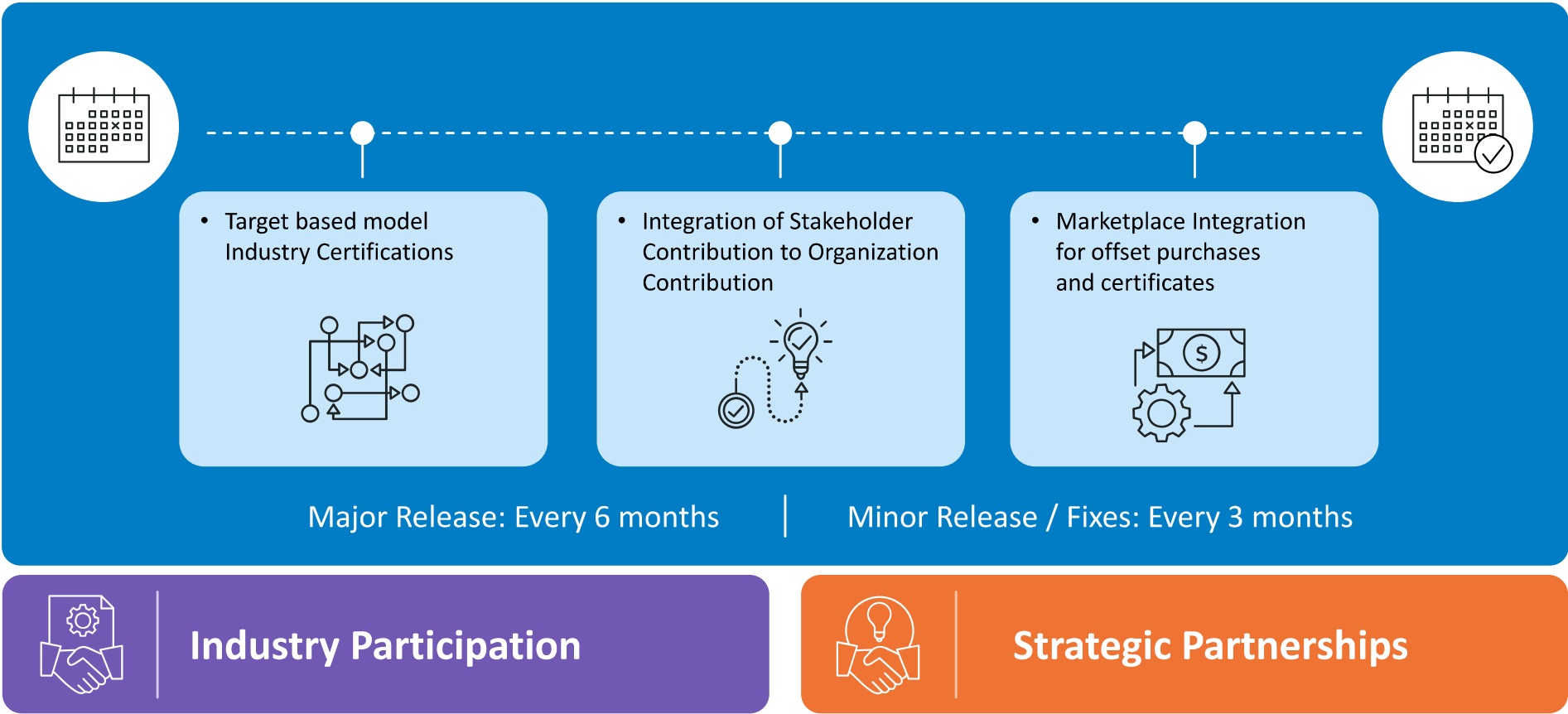
TCS Collaboration with UNGC Malaysia & Brunei



“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