Speeding Up Asia Pacific's Decarbonization: The Role of Emissions Tracker



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Digital tools that track organizationwide emissions data make net zero transitions possible by bringing visibility, transparency, and verifiability to information used in decision-making, progress-monitoring, and reporting.

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Falling Behind Net Zero 2050

The world is behind on its net zero targets. According to the United Nations Environment Programme (UNEP) 2023 Emissions Gap Report; global greenhouse gas (GHG) emissions increased by 1.2% year-on-year to a record high 57.4 gigatons of carbon dioxide (CO₂) equivalent in 2022. All industry sectors, except for transport, and all countries contributed to this increase in worldwide emissions.

This rise in GHG and atmospheric CO₂ has resulted in 86 days when temperatures exceeded 1.5C above pre-industrial levels. Above 1.5C is the global warming level that is linked to increased frequency of extreme weather occurrence, which in turn leads to economic and human loss, and supply chain and business disruptions. This failure to reduce and limit emissions, and the fast-approaching target of net zero 2050 have prompted UNEP to declare that "unprecedented action is now needed", and that getting to net zero must be done "as soon as possible".

Definition

» Net zero is humankind's collective strategy to keep the world livable for everyone for the foreseeable future. It means cutting carbon emissions to the smallest amount of residuals that Mother Nature can resolve through carbon sinks, or through carbon capture and storage (CCS) technology, leaving zero carbon in the atmosphere. For business organizations, net zero is a commitment to maximize business value today without sacrificing business growth in the future, by taking care of the environment.

AT A GLANCE

BUSINESS OBJECTIVE

Accelerate net zero transition and fulfill environmental, social, and governance (ESG) commitments.

CHALLENGE

Organizations grapple with poor quality and incomplete emissions data that prevent them from knowing where to start, and how to prioritize and address people, process, and technology challenges that hinder and slow down conversion of net zero ambitions to actions.

SOLUTION

Digital solutions like Emissions Tracker help organizations to compute accurately and completely emissions baselines, and monitor subsequent emissions levels. They do this by seamless integration with existing data collection if systems such as ERP/EMS, thus enabling less error-prone automated input of material available real data, the plugging of data gaps, and the calculation of the full emissions picture. Accurate and complete emissions data allows organizations to locate pain points in operations, craft mitigating strategies, and monitor, analyze, and report the impact of decarbonization initiatives.

Built on PwC's years of experience collecting, analysing, and reporting carbon footprints, Emissions Tracker helps you aggregate, analyse and report carbon data. This allows ease of monitoring and managing of emission reduction and net-zero initiatives.

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Find out more

The report states

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It goes on to say:

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More information

Emissions Tracker

https://marketplace.my.pwc.com/offering/emissions-tracker

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