

Singapore's Terrascope develops a tool to measure and reduce FLAG emissions on its decarbonisation platform

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Terrascope, an end-to-end enterprise decarbonisation platform, announced the addition of a new module to its SaaS platform, specifically designed to empower enterprises in land-intensive sectors with the measurement and management of Forest, Land, and Agriculture (FLAG) emissions. This enhancement makes Terrascope one of the first SaaS platforms to incorporate FLAG emission capabilities, offering a robust solution for organisations to achieve more accurate carbon accounting and to advance their sustainability objectives.

The Forest, Land and Agriculture Guidance [FLAG] is the world's first standard for companies in land-intensive sectors to set science-based targets (SBTs) that include land-based emissions reductions and removals. The SBTi FLAG Guidance impacts a number of sectors in the food and agricultural value chain, such as food & beverage, agriculture, packaged goods, luxury, hospitality, amongst others. The food and agriculture value chain contributes to 34% of global emissions, largely from upstream activities such as deforestation, land use changes, and agricultural practices. The direct dependence on upstream activities to land use emissions underscores the urgency for tools like the FLAG module, in order to enable enterprises to effectively manage their land-based emissions, aligning with science-based targets and the Paris Agreement's goal of limiting global warming.

Maya Hari, CEO, Terrascope, said, "We are excited to unveil our new FLAG module, to further support enterprises in the food & agriculture value chain on their decarbonisation journey. Food & Agri value chains represent approximately 30% of global

emissions, with a majority of these emissions originating upstream, making it essential to have a precise understanding and management of land-related emission sources. Integrating FLAG capabilities into our platform is a pivotal step in enabling large enterprises to identify and act upon these land-related emissions more effectively."

As a decarbonisation platform with a focus on Food & Agriculture companies across the value chain, from growers, to processors, manufacturers, distributors and retailers, FLAG is one of many upcoming product modules that Terrascope is launching to support material emissions reductions. Additional capabilities to calculate emissions from Land Use Change and farming activities such as fertiliser application and livestock rearing, to modelling Commodity Pathways and Land Sector Carbon Removals will be available in subsequent releases.