Cedars Digital Introduces CANOPY at COP31 to Advance Carbon Data Exchange Across Supply Chains

Collaboration with Logitech will explore how upstream supplier data can support product design and supply-chain decarbonisation



(Left to Right) Grace Fu, Singapore's Minister for Sustainability and the Environment and Minister-in-Charge of Trade Relations, Salmon Sim, Chief Operating Officer at Cedars Digital, Caroline Kennedy, Head of Climate, Circularity and Reporting at Logitech, and Quelyn Koh, Market Development Lead at Cedars Digital, pose for a photo after the signing of the shared commitment between Logitech and Cedars Digital

ANTALYA, Türkiye – Nov 19, 2026 – Cedars Digital announced on Nov 18, 2026, the official launch of CANOPY, its product carbon footprint data-exchange infrastructure designed to help suppliers share information across customer relationships and support its use in product design, sourcing and decarbonisation planning.

Unveiled in the presence of Grace Fu, Singapore's Minister for Sustainability and the Environment and Minister-in-Charge of Trade Relations at the Singapore Pavilion during the 31st Meeting of the Conference of the Parties (COP31) in Antalya, Türkiye, CANOPY is intended to help businesses connect product carbon information across supplier tiers, strengthening the basis for decisions around product design and emissions reduction.

As part of the announcement, Cedars shared that it will collaborate with global consumer electronics leader Logitech and manufacturing supplier LITEON to explore how product carbon information can be exchanged and used across supplier tiers to inform product design, sourcing and supply chain decarbonisation within an existing electronics supply chain.

The collaboration would complement Logitech's new supply chain decarbonisation program - Chain Reaction - in which LITEON is an early participant. It brings together Logitech's product and sustainability expertise, LITEON's manufacturing and supplier relationships, and Cedars' data-exchange infrastructure and supplier-engagement support.

Connecting product insights with supplier action

Supply chain emissions typically account for 60% to 80% of a company's overall carbon footprint. Product carbon footprints can help businesses understand where emissions arise across a product's lifecycle, but assessing how to reduce those emissions often requires more specific information about the materials, components, and manufacturing processes behind the finished product.

That information can be difficult to obtain and exchange. Suppliers use different systems and calculation tools, have varying carbon-accounting capabilities, and may face repeated requests for similar information from multiple customers.

CANOPY was developed to help suppliers share product carbon footprint information with authorised customers, supporting the exchange of data across successive supplier tiers. Cedars' existing work with LITEON helped inform CANOPY's development, highlighting the need to accommodate suppliers with different carbon accounting capabilities and make product carbon information easier to reuse across customer requests. These insights shaped CANOPY's approach to combining data exchange with practical supplier support.

"Companies need more than an estimate of their supply-chain emissions to evaluate how to reduce them. They need to understand the materials and processes driving those emissions, and where suppliers have opportunities to act," said Salmon Sim, Chief Operating Officer, Cedars Digital. "The challenge is making that information accessible and useful across supplier relationships, while recognising the effort required to produce it. With CANOPY, we are developing infrastructure to connect decision-grade product carbon information between suppliers and customers. Our current work with LITEON and Logitech provides a practical starting point to explore how those connections can support product decisions and help suppliers turn their decarbonisation plans into action."

Supporting information on calculation methodology, timing, emission factors used and verification status will also help recipients assess a footprint's suitability for their intended use. Cedars also supports supplier onboarding and education to help participating suppliers understand data requirements and address gaps in their ability to provide the information.

Key elements of the CANOPY platform include:

- **"Publish Once, Share with Many" Efficiency**: Suppliers calculate their PCF once using their existing tools and publish it directly to the CANOPY network, removing repetitive questionnaires and portal friction across customer requests.
- **Interoperable & Zero-Software-Friction Design**: Suppliers maintain their choice of calculation software without adopting mandatory new tools or subscriptions, backed by Cedars' pre-integrated PCF calculator for lower-maturity vendors.
- **Rich Metadata & Decision-Grade Context (PCF+)**: Submissions include contextual metadata—such as emission factor sources, calculation timing, and verification status—enabling buyers to assess data quality and trust without requiring immediate, costly third-

party audits for every component.

- **Commercial Value Signals**: CANOPY incorporates a payment mechanism and value-sharing model that recognizes the effort required to produce carbon data, fairly distributing commercial value back to data-providing suppliers.
- **Privacy & Sub-Tier Protection**: Data sharing is strictly governed by approved buyer access, ensuring sub-tier supplier identity and proprietary supply chain structures remain confidential.

Through CANOPY, Cedars aims to help businesses connect carbon information across organisational boundaries and use it to support more coordinated supply-chain decarbonisation.

Supporting a wider decarbonisation commitment



Grace Fu, Singapore's Minister for Sustainability and the Environment and Minister-in-Charge of Trade Relations, witnesses the signing of the shared commitment by Caroline Kennedy, Head of Climate, Circularity and Reporting at Logitech, and Salmon Sim, Chief Operating Officer at Cedars Digital

The announcement accompanies the signing of a shared commitment to Chain Reaction by Cedars, an independently operated sustainability unit of LITEON, and Logitech at the Singapore Pavilion.

Logitech already uses product carbon insights to inform its Design for Sustainability approach, applying an innovation mind-set and considered design choices, to minimize the carbon footprint of each component of each device. Through its Chain Reaction programme, it also encourages suppliers to develop their own decarbonisation roadmaps.

The commitment sets out a shared intention to accelerate value-chain decarbonisation through emissions baselines, targets and practical roadmaps. Priorities include energy efficiency, renewable energy and low-carbon sourcing, supported by measurement and reporting to track progress.



(Centre) Caroline Kennedy, Head of Climate, Circularity and Reporting at Logitech, sharing her insights during a fireside chat in the Singapore Pavilion at COP31.

“Understanding a product’s carbon footprint helps us identify where to focus. Evaluating how to reduce it requires a more detailed view of the materials, components and processes within our supply chain,” said Caroline Kennedy, Head of Climate, Circularity & Reporting, Logitech. “Through this collaboration, we want to explore how information from further upstream can strengthen the decisions we make in product design and sourcing, and help translate the ambition of Chain Reaction into practical decarbonisation opportunities.”

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About Cedars Digital

Cedars Digital is a Singapore-based sustainability technology company, and an independently operated sustainability unit of LITEON, focused on innovation in supply chain carbon data technology. Its CANOPY network infrastructure supports organisations use carbon data to make informed decisions and reduce emissions across their operations and supply chains, helping businesses in assessing product carbon footprint, prepare for carbon boarder regulations and help suppliers decarbonise.