

Company: Cathay Financial Holding Co., Ltd.
Company Description: Cathay FHC offers customers friendly, convenient, and efficient financial services, providing them with a seamless experience through our digital platforms and services, which are built upon innovation in digital, data, and technology. We have established a strong presence in Taiwan while maintaining a global perspective.
Nomination Category: Product & Service Categories
Nomination Sub Category: Most Innovative Green Product
Nomination Title: Cathay Cloud Carbon Management System for Transforming Climate Awareness into Action



1. Which will you submit for your nomination in this category, a video of up to five (5) minutes in length about the the nominated new or new-version product or service, OR written answers to the questions for this category? (Choose one):

Written answers to the questions

2. If you are submitting a video of up to five (5) minutes in length, provide the URL of the nominated video here, OR attach it to your entry via the "Add Attachments, Videos, or Links to This Entry" link above, through which you may also upload a copy of your video.

<https://drive.google.com/file/d/14AqGVILJTBFn2ZE1QfywB4fJljdnyosE/view?usp=sharing>

Cathay Financial Holdings, founded in 2001 and based in Taiwan, is a leading financial group with subsidiaries including Cathay Life, Cathay P&C, Cathay Bank, Cathay Securities, and others.

Cathay started in Taiwan and has expanded across Southeast Asia, with operations in China, Hong Kong, Singapore, and Vietnam.

The company practices sustainability throughout its operations to create long-term value, support social development, and protect the environment. By combining regional expertise with innovation, the company continues to shape the future of finance in Asia.

3. If you are providing written answers for your submission, you must provide an answer to this first question: If this is a brand-new product, state the date on which it was released. If this is a new version of an existing product, state the date on which the update was released:

The Cathay Cloud Carbon Management System is officially launched in January 2024.

Cathay’s Digital Data & Technology (DDT) department supports the group in driving innovation, guided by the philosophy “What If We Could.”

To meet internal GHG inventory needs and support carbon reduction efforts, DDT partnered with Cathay Life Insurance to develop the Cathay Cloud Carbon Management System, featuring three key modules:

- 1. Greenhouse Gas Inventory and carbon calculation Module – Automates data collection and calculations for Scope 1 and 2 emissions.
- 2. Product Carbon Footprint Module – Calculates and analyzes product-level emissions.
- 3. Carbon Neutrality Management Module - Service-related carbon emissions are allocated across insurance product lines based on premium amount, transaction details, or policy count, enabling accurate calculation and management of carbon neutrality efforts.

The system streamlines carbon data processes, enables real-time monitoring, and ensures accurate, reliable GHG data—reducing manual work across the Cathay Group.

4. If you are providing written answers for your submission, you must provide an answer to this second question: Describe the features, functions, and benefits of the nominated product or service (up to 350 words):

Total 331 words used.

The Cathay Cloud Carbon Management System features a building block-style modular architecture, allowing users to configure site-specific daily formulas through a drag-and-drop interface. Emission sources can be set directly in the system, triggering automated collection of related activity data.

With high flexibility and scalability, enterprises can tailor modules to their operational needs, enabling rapid deployment and efficient carbon management across various scenarios.

Key Features

The system includes two primary application areas:

- 1. Organizational Carbon Management - Focused on enterprise-level GHG inventory and emissions tracking.
 - GHG Activity Data Collection Module – Automates data collection across multiple sources with flexible, drag-and-drop configuration. Supports per-site and per-month formula configurations, enabling each building to apply customized allocation logic based on specific operational parameters and data structures. This ensures flexible adaptation to heterogeneous building environments and calculation requirements.
 - Carbon Emissions Calculation Module – Supports both ISO 14064 and the GHG Protocol for Scope 1 and Scope 2 emission calculations. Provides a centralized dashboard for visualizing, comparing, and managing emissions across buildings.
- 1. Product-Level Carbon Management - Designed for insurance products and service processes to support carbon neutrality goals.
 - Product Carbon Footprint Module – Automatically collects and categorizes life cycle data across all product stages to enhance the accuracy and efficiency of carbon footprint analysis.
 - Carbon Neutrality Management Module – Allocates service-related carbon emissions across insurance product lines based on premium amount, transaction details, or policy count. Supports accurate calculation and carbon neutrality execution.

Benefits

- Operational Efficiency – Transforms manual GHG data collection into a highly automated process, significantly improving efficiency and reducing labor costs. Automation helps minimize human error and enhances data accuracy and reliability.
- Improved Management Control– Provides real-time visibility into the inventory status of each building through a centralized dashboard, making it easier to monitor, compare, and manage emissions across sites.
- Future-Ready – Scales with evolving net-zero goals and climate regulations.

It’s an innovative green technology that empowers enterprises to achieve sustainable digital transformation and elevate GHG Inventory performance through automated carbon management and data-driven strategies.

5. If you are providing written answers for your submission, you must provide an answer to this third question: Outline the market performance, critical reception, and customer satisfaction with the product or service to date. State monetary or unit sales figures to date, if possible, and how they compare to expectations or past performance. Provide links to laudatory product or service reviews. Include some customer testimonials, if applicable (up to 350 words):

Total 334 words used.

The Cathay Carbon Management Platform demonstrates outstanding innovation and real-world impact in sustainable finance and carbon technology. This nomination is supported by the following achievements:

- Patented Technologies: The platform has been granted three patents by Taiwan’s Intellectual Property Office, validating its technical uniqueness and innovation:
 - 1. Automated Data Collection for Electricity Usage in GHG Inventory
 - 2. Carbon Emission Inventory – Carbon Calculation
 - 3. Product Carbon Footprint Management System
- National Recognition in Green FinTech:
 - Winner of the Green FinTech Award at the FinTech Taipei Awards 2024, hosted by Taiwan’s Financial Supervisory Commission (FSC). This award affirms Cathay’s leadership in sustainable digital innovation.

To address fragmented data and regulatory complexity in carbon inventory processes, Cathay developed the GaaS Carbon Management Platform. By integrating APIs, RPA, OCR, web crawlers, and real-time dashboards, the platform automates over 80% of data processing tasks, greatly improving efficiency.

Since its launch, the platform has delivered strong performance, efficiently managing carbon inventories across more than 600 sites, including:

- Cathay Life Insurance – 210 locations
- Cathay Century Insurance – 52 locations
- Cathay United Bank – 250 branches
- Cathay Life Vietnam – 100 locations

These results highlight the platform’s scalability and effectiveness in supporting group-wide consolidation of carbon inventory and operational efficiency. By automating the GHG inventory process, it also delivers significant annual cost savings by reducing dependence on external consultants for manual emissions calculations.

With its modular architecture, intuitive interface, and real-time monitoring, the platform seamlessly scales across departments and locations within the Cathay Group. By reducing reliance on external consultants and lowering costs, it empowers internal teams to efficiently and accurately manage carbon inventories with greater autonomy.

Cathay Financial Holdings:

- Ranked among the Top 500 Global Brands
- Largest number of service locations in Taiwan
- Serving over 14 million customers across the group
- Included in the DJSI Emerging Markets Index for 8 consecutive years
- Achieved full marks and global first in Sustainable Finance and Financial Inclusion in DJSI
- Awarded Level A in CDP Carbon Disclosure and Climate Change
- MSCI ESG Rating: AA for 3 consecutive years

6. You have the option to answer this final question: Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words):

Total 20 words used.

[Demo video link](#)

<https://money.udn.com/money/story/5635/8332593>

<https://drive.google.com/file/d/1Wf6amzcvSKpFrJBkn-UmZ459bdmTynaJ/view?usp=sharing>

(Please search “Green as a Service”)

Attachments/Videos/Links:

[Cathay Cloud Carbon Management System for Transforming Climate Awareness into Action](#)

[REDACTED FOR PUBLICATION]