

HONG KONG GREEN FINTECH MAP 2025

Carbon Credit Trading, Analytics and Technology



ESG / Climate Risk Modelling & Assessment



ESG Data, Intelligence and Analytics



ESG Disclosure, Compliance & Regulatory Reporting



Green & Digital Finance and Investment



GREEN FINTECH CLASSIFICATIONS



1. Green & Digital Finance and Investment

Digital solutions and platforms that primarily assist financial institutions and companies in providing digital green and sustainable finance products, including payments, loans, deposits, financial instruments, investments, and insurances. They may also facilitate compliance monitoring and reporting.

Use cases:

- Green tokenised bonds
- Green financial planning
- Digital savings solutions linked to green behaviour
- Green insurance products
- Green derivatives
- Green investment funds
- Performance tracker for green and sustainability-linked products and loans
- Digital loan and mortgage products linked to green and ESG behaviour
- Credit scoring algorithms that integrate ESG data
- Investment and trading products, tools and platforms focussed on green assets



4. ESG Data, Intelligence and Analytics

Digital solutions that primarily offer ESG data and analytics, ESG ratings, and ESG indexing.

Use cases:

- ESG data collection and aggregation
- ESG rating of companies & funds
- Digital green and ESG indexing
- Supply chain modelling



2. ESG Disclosure, Compliance & Regulatory Reporting

Digital solutions that primarily facilitate companies and financial institutions in making ESG, climate and nature-related disclosures, and meeting relevant compliance and regulatory reporting requirements. They may also facilitate regulatory bodies and non-governmental organisations in monitoring the ESG performance, compliance and disclosures of regulatees and companies.

Use cases:

- Listed company disclosure and compliance
- Financial regulatory and supervisory reporting and compliance
- Regtech
- Regulatory and supplier reporting



3. Carbon Credit Trading, Analytics and Technology

Digital solutions that primarily support the development and trading of carbon products, and assist companies and financial institutions with collecting and analysing internal and external carbon emissions data.

Use cases:

- Carbon products
- Carbon credit trading
- Carbon registry and trading infrastructure
- Carbon accounting
- Emissions tracking



5. ESG / Climate Risk Modelling & Assessment

Digital solutions that primarily facilitate assessment and management of ESG and climate related risks (including physical risks and transition risks).

Use cases:

- Bank climate modelling
- Insurance underwriting climate analysis
- Scenario analysis and stress testing
- Risk assessment tools and platforms that consider ESG / climate factors
- Investment portfolio analysis and modelling

Resources

🌐 <https://www.greenfintechnetwork.org/#initiatives>

🌐 <https://www.green.digital.finance.alliance.org/news-and-events/the-worlds-first-green-fintech-taxonomy>

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