



ESG Overview

E

Environment
Environmental Performance

S

Social
Social Responsibility

G

Governance
Governance & Compliance

Emissions



Water Usage



ESG Score

80

/100

AI Empowered ESG Disclosure

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About Louis



Prof. Louis Cheng

Dr. S H Ho Professor of Banking & Finance
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- Dr S H Ho Professor of Banking and Finance, HSUHK (since 2021)
- Ranked 96th in Economics & Finance in China in research (2026) by the international academic platform “Research.com”
- Scopus h-index: 26, h5-index: 10 and Google Scholar h-index: 39, h5-index: 20, as of July 2026
- Associate Dean (Research), School of Business, HSUHK (since 2025)
- Directors of Research Centre for ESG (CESG) (since 2022)
- Member of the Hospital Governing Committee of Ruttonjee & Tang Shiu Kin Hospitals (2023-28)
- Business Studies Assessment Panel member for Competitive Research Funding Schemes (Self-financing sector) of the RGC (2022-28)
- Member of the Investment Committee of the Hospital Authority Provident Fund Scheme (2016-22)
- Advisor for Bhutan’s Green Bond initiative and consultant of United Nations (2019-22)
- Professor of Finance (2010-20) & Director of the Center for Economic Sustainability and Entrepreneurial Finance (CESEF) (2018-20), PolyU
- Council member & Trustee of the Pension Fund of the PolyU (2011-13)
- ESG Advisor for the Hong Kong Police Force (2025-28)
- Served as a project consultant for various organizations including:
 - Securities and Futures Commission (SFC), Mandatory Provident Fund Scheme Authority (MPFA), Hong Kong Exchanges (HKEx), Investor Education Centre (IEC)
 - Bank of China (HK) Private Banking, Agricultural Bank of China (HK) Private Banking, Value Partners, Fubon Bank, Bank Consortium Trust Hong Kong, Charles Schwab (US)

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Research Team

Prof. Louis Cheng (Team Leader)

Dr. Pauline Wong

Mr. Hauman Yeung

Mr. Jason Chow

1. Current Status of Academic Research on AI x ESG Disclosure

Currently, there is growing interest in applying AI to ESG reporting and disclosure. Several leading consulting firms, such as Boston Consulting Group (BCG), have published influential reports highlighting how AI can enhance ESG disclosure processes.



However, rigorous academic research in top-tier journals remains relatively limited.



Meanwhile, in the academic world, attention to AI-related corporate issues has been increasing, as evidenced by a Special Issue on Artificial Intelligence in Corporate Finance at *Finance Research Letters* covering topics such as Political risk, AI, and R&D; Managerial tone, earnings calls, and text-mining; AI and accounting conservatism; Executive communication and machine learning; AI and ESG greenwashing; AI and corporate governance and AI washing.

2. Our Key Findings

Source: The Research Centre for ESG.
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Figure 1. AI Autonomy vs. Human-Required Share, by Task

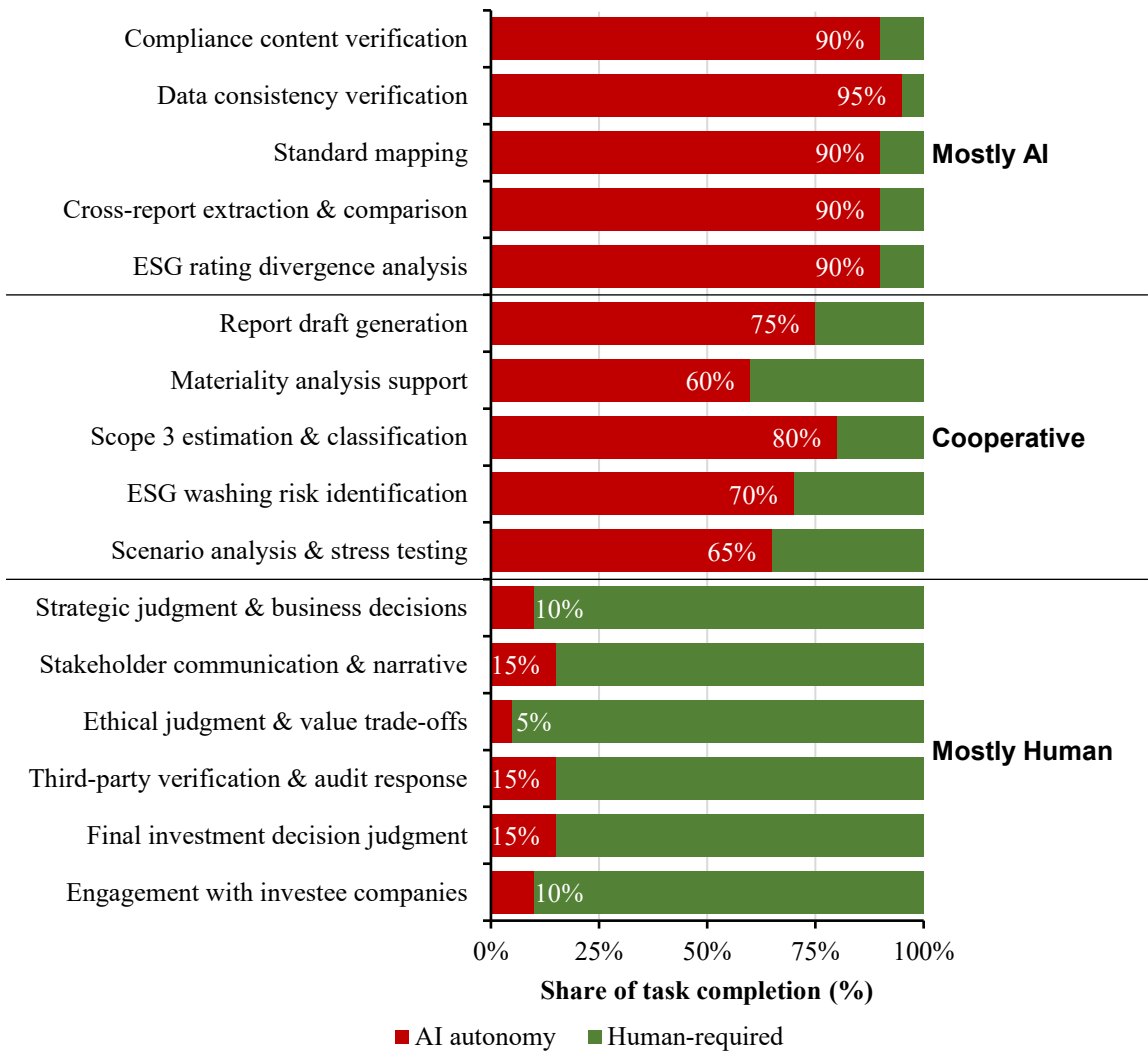
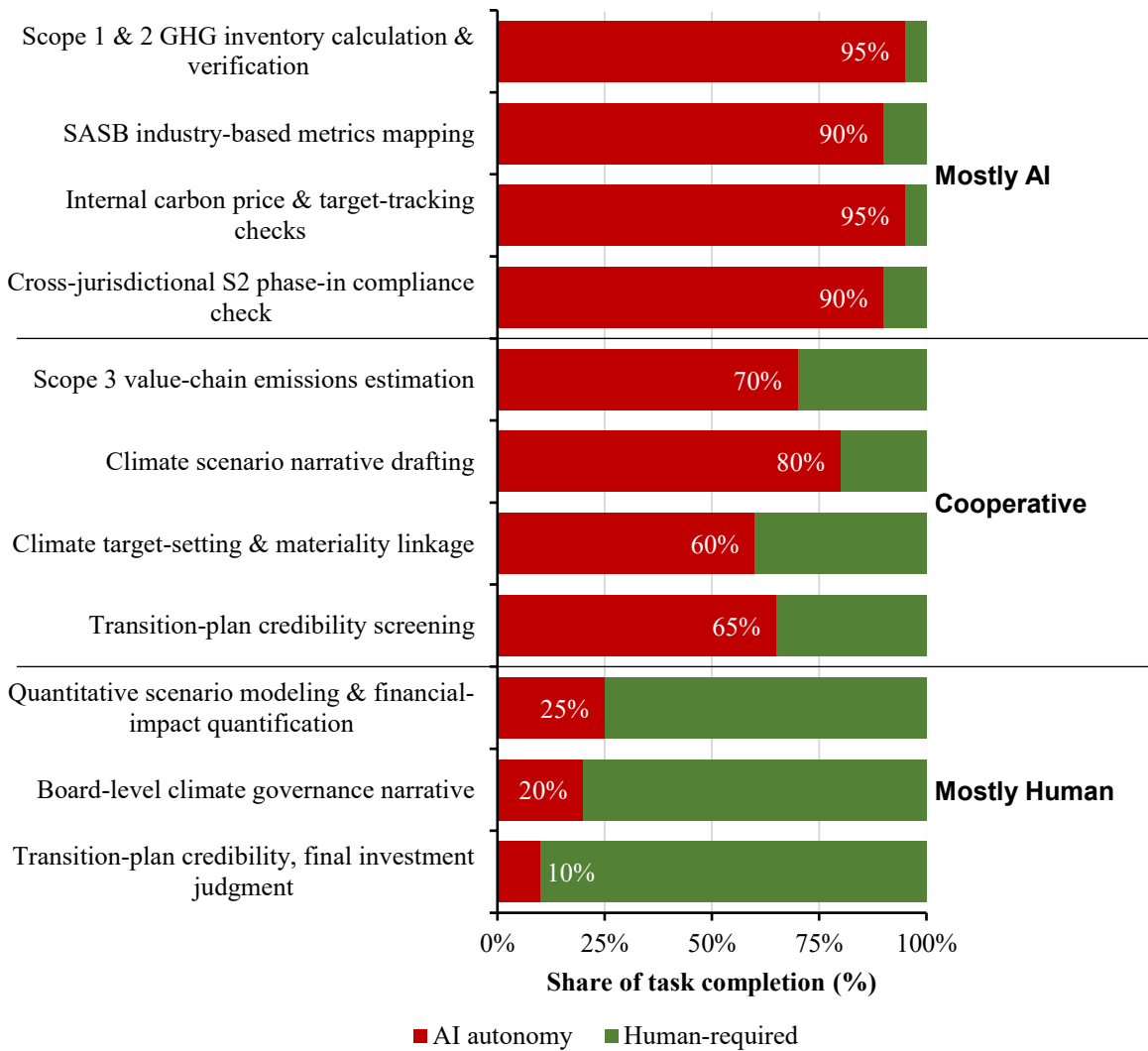


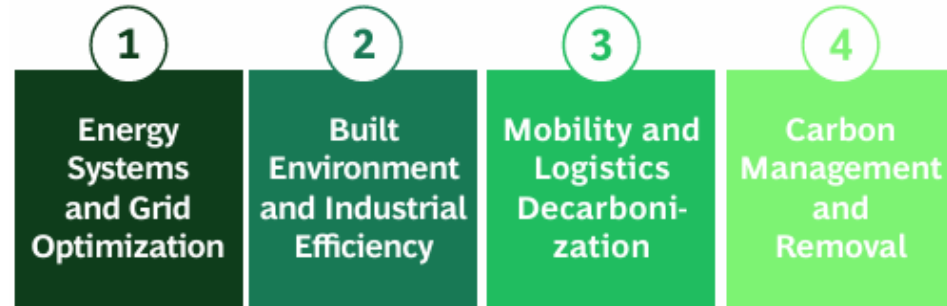
Figure 2. AI Autonomy vs. Human-Required Share, IFRS S2 Tasks



3. Implications of AI x ESG Disclosure for Asset Managers

The Sustainability Map Covers a Broad Range of Investable Sectors

Climate and Energy Transition



The investable landscape spans all strategies.

Natural Capital and Resource Management



Investable strategies include:

- AI-native companies purpose-built for sustainability challenges
- Established businesses integrating into existing products and operations
- Enabling infrastructure providers whose economics improve as AI adoption accelerates.

Social Systems and Livelihoods



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Acknowledgement

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4. Appendices

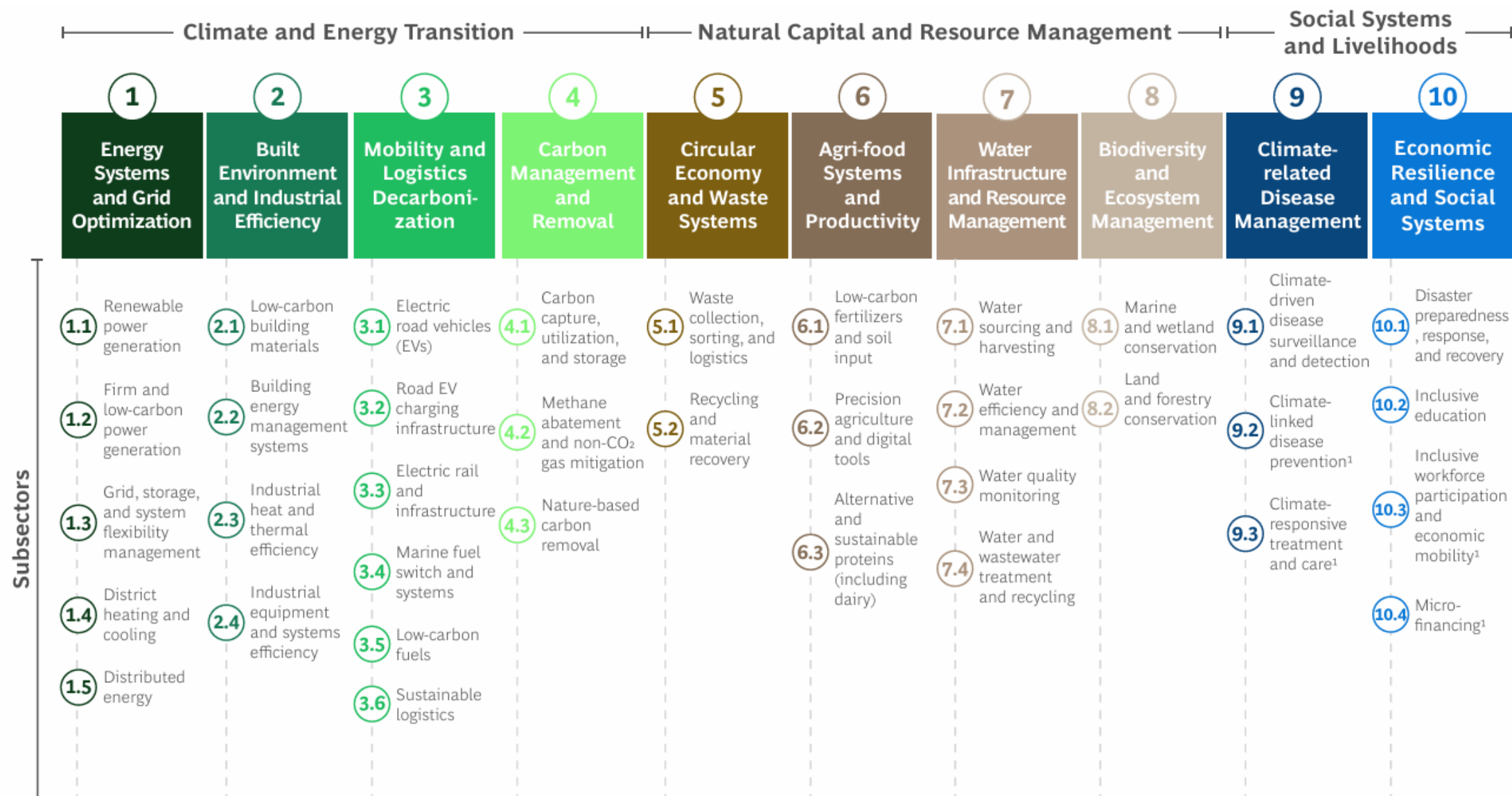
Table 2. AI Capability Matrix for ESG Reporting and Analysis Tasks

Task	Audience	Tier	Key Evidence
Compliance content verification	Preparer	A	Ascent Partners (2026)
Data consistency verification	Preparer	A	Ascent Partners (2026)
Standard mapping	Preparer	A	Ascent Partners (2026)
Cross-report extraction & comparison	Investor	A	Ascent Partners (2026)
ESG rating divergence analysis	Investor	A	Ascent Partners (2026); Berg et al. (2022); Tian (2026)
Report draft generation	Preparer	B	Ascent Partners (2026); BCG (2026)
Materiality analysis support	Preparer	B	Ascent Partners (2026); Rajgopal (2025); BCG (2026)
Scope 3 estimation & classification	Preparer	B	Ascent Partners (2026); BCG (2026)
ESG washing risk identification	Investor	B	Ascent Partners (2026); Dimes et al. (2026); Tian (2026)
Scenario analysis & stress testing	Investor	B	Ascent Partners (2026); IFRS Foundation (2023)
Strategic judgment & business decisions	Preparer	C	Ascent Partners (2026); structural/accountability limit
Stakeholder communication & narrative	Preparer	C	Ascent Partners (2026); Dimes et al. (2026)
Ethical judgment & value trade-offs	Preparer	C	Ascent Partners (2026); structural/accountability limit
Third-party verification & audit response	Preparer	C	Ascent Partners (2026); Tian (2026)
Final investment decision judgment	Investor	C	Ascent Partners (2026); structural/fiduciary limit
Engagement with investee companies	Investor	C	Ascent Partners (2026); structural/relational limit

Table 3. AI Capability Matrix for Climate Change Report (IFRS S2) Tasks

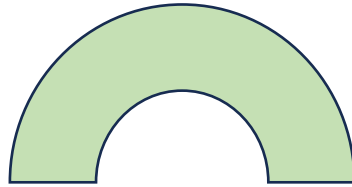
Task	Audience	Tier	Key Evidence
Scope 1 & 2 GHG inventory calculation & verification	Preparer	A	Ascent Partners (2026)
SASB industry-based metrics mapping	Preparer	A	Ascent Partners (2026)
Internal carbon price & target-tracking checks	Preparer	A	Ascent Partners (2026)
Cross-jurisdictional S2 phase-in compliance check	Preparer	A	Ascent Partners (2026)
Scope 3 value-chain emissions estimation	Preparer	B	Ascent Partners (2026)
Climate scenario narrative drafting	Preparer	B	Ascent Partners (2026)
Climate target-setting & materiality linkage	Preparer	B	Ascent Partners (2026); Rajgopal (2025)
Transition-plan credibility screening	Investor	B	Ascent Partners (2026)
Quantitative scenario modeling & financial-impact quantification	Preparer	C	Ascent Partners (2026)
Board-level climate governance narrative	Preparer	C	Ascent Partners (2026); structural/accountability limit
Transition-plan credibility, final investment judgment	Investor	C	Ascent Partners (2026); structural/fiduciary limit

4. Appendices



Fireside Chat: AI empowered ESG Disclosure

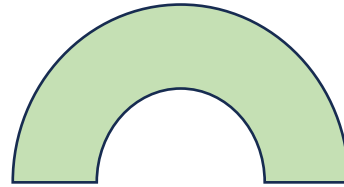
Moderator



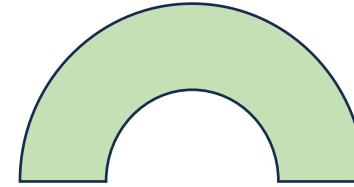
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Speakers



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