

Annex A

Crossref DOI Metadata Summary

Purpose

This annex provides an official metadata summary of the five DOI-registered institutional white papers published by EMJ LIFE HOLDINGS PTE. LTD., Singapore.

All works are independently deposited under **Crossref**, ensuring verifiable international citation, archival integrity, and institutional transparency.

1. PADV — ESG Behavioral Data Verification Methodology

- **DOI:** [10.64969/padv.2025.v2](https://doi.org/10.64969/padv.2025.v2)
- **Title:** *PADV — ESG Behavioral Data Verification Methodology*
- **Version:** v2.0
- **Author:** Anderson Yu (EMJ LIFE HOLDINGS PTE. LTD.)
- **Publisher:** EMJ LIFE HOLDINGS PTE. LTD. (Singapore)
- **Publication Type:** Institutional White Paper
- **Date Published:** 2025
- **Language:** English
- **License:** Creative Commons Attribution 4.0 International (CC BY 4.0)
- **ORCID (Author):** [0009-0002-2161-5808](https://orcid.org/0009-0002-2161-5808)
- **Abstract:** Defines the behavioral data verification methodology forming the foundation of the PADV system and its linkage between participation, action, and measurable ESG data.

2. PADV–NTCC – ESG Integrated Methodology

- **DOI:** [10.64969/padv.ntcc.2025.v2](https://doi.org/10.64969/padv.ntcc.2025.v2)
- **Title:** *PADV–NTCC – ESG Integrated Methodology*
- **Version:** v2.0
- **Author:** Anderson Yu (EMJ LIFE HOLDINGS PTE. LTD.)
- **Publisher:** EMJ LIFE HOLDINGS PTE. LTD. (Singapore)
- **Publication Type:** Institutional White Paper
- **Date Published:** 2025

- **Language:** English
- **License:** Creative Commons Attribution 4.0 International (CC BY 4.0)
- **ORCID (Author):** [0009-0002-2161-5808](https://orcid.org/0009-0002-2161-5808)
- **Abstract:** Introduces the Non-Tradable Carbon Credit (NTCC) framework, defining behavioral trust units as verifiable ESG data distinct from tradable carbon assets.

3. InstiTech – Rule-Making as the Next Frontier Beyond RegTech

- **DOI:** [10.64969/padv.institech.2025.v1](https://doi.org/10.64969/padv.institech.2025.v1)
- **Title:** *InstiTech – Rule-Making as the Next Frontier Beyond RegTech*
- **Version:** v1.0
- **Author:** Anderson Yu (EMJ LIFE HOLDINGS PTE. LTD.)
- **Publisher:** EMJ LIFE HOLDINGS PTE. LTD. (Singapore)
- **Publication Type:** Institutional White Paper
- **Date Published:** 2025
- **Language:** English
- **License:** Creative Commons Attribution 4.0 International (CC BY 4.0)
- **ORCID (Author):** [0009-0002-2161-5808](https://orcid.org/0009-0002-2161-5808)
- **Abstract:** Explores institutional technology (InstiTech) as the next layer of governance innovation beyond regulatory technology (RegTech), defining rule-making as a measurable form of institutional design.

4. STRC — Strategy-to-Trust Risk Control

- **DOI:** [10.64969/padv.strc.2025.v1](https://doi.org/10.64969/padv.strc.2025.v1)
- **Title:** *STRC — Strategy-to-Trust Risk Control*
- **Version:** v1.0
- **Author:** Anderson Yu (EMJ LIFE HOLDINGS PTE. LTD.)
- **Publisher:** EMJ LIFE HOLDINGS PTE. LTD. (Singapore)
- **Publication Type:** Institutional White Paper
- **Date Published:** 2025
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- **License:** Creative Commons Attribution 4.0 International (CC BY 4.0)
- **ORCID (Author):** [0009-0002-2161-5808](https://orcid.org/0009-0002-2161-5808)
- **Abstract:** Defines the conversion of verified strategy into measurable

trust and capital through a unified risk-control architecture integrating auditability, traceability, and adaptability.

5. PADV-VISA-LAYER – PADV – Verification Institutional System

Architecture Layer

- **DOI:** 10.64969/padv.visalayer.2025.v1
- **Title:** *PADV-VISA-LAYER – PADV – Verification Institutional System Architecture Layer*
- **Version:** v1.0
- **Author:** Anderson Yu (EMJ LIFE HOLDINGS PTE. LTD.)
- **Publisher:** EMJ LIFE HOLDINGS PTE. LTD. (Singapore)
- **Publication Type:** Institutional White Paper
- **Date Published:** 2025
- **Language:** English
- **License:** Creative Commons Attribution 4.0 International (CC BY 4.0)
- **ORCID (Author):** 0009-0002-2161-5808
- **Abstract:** Establishes the verification architecture layer connecting DOI-linked reporting, institutional assurance, and behavioral data validation, completing the closed loop from verified behavior to verified capital.

Publisher Information

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End of Annex A

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