

# Carbon Digital Assets R&D and Management Ltd.

*CBAM / Carbon Data Infrastructure – Naver Cloud Partnership Brief*

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## 1 Project Overview

Carbon Digital Assets R&D and Management Ltd., developed in strategic partnership with **China Modern Services Industry Ltd. (CMSI)**, is building the **DigiAI Carbon Platform** — an integrated infrastructure for **CBAM (EU Carbon Border Adjustment Mechanism)**, carbon data management, and sustainable trade automation.

The initiative connects partners across **Europe and Asia** to create a transparent, auditable, and AI-driven carbon data ecosystem.

**Core Modules - Lexidatum (UK):** AI-driven data validation & Real-Time Good Data standards - **CMSI (China):** Industrial & regulatory coordination - **Covalent (Korea/Singapore):** Financial & settlement infrastructure - **Damno Solutions (Belgium):** CBAM application & EU integration

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## 2 Hosting Vision

We are designing a **multi-cloud, hybrid architecture** connecting **EU and Asian cloud zones**, with **Naver Cloud** as the **core Asia-based infrastructure partner**.

Our hosting goals: - **Regional data sovereignty** in Korea and nearby APAC markets - **Interoperability** with EU cloud providers (Scaleway / LayerOps) - **Low-latency data exchange** between manufacturing and reporting nodes - **Sustainability-focused cloud operations** aligned with CBAM objectives

We are particularly interested in Naver Cloud's capabilities around: - Enterprise-grade data security and compliance (ISMS, ISO/IEC 27001) - AI and data analytics services for carbon and supply chain workloads - Hybrid connectivity options across Korea, Japan, and Singapore

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## 3 Discussion Objectives

**Goal:** Explore how **Naver Cloud** can serve as the **Asia-Pacific base layer** for DigiAI Carbon's infrastructure and data exchange ecosystem.

**Key Topics** - Regional hosting and **cross-border data compliance frameworks** - Integration with EU cloud partners under a hybrid setup - Pricing and enterprise packages for R&D / sustainability initiatives - Naver Cloud's support for **AI workloads, APIs, and microservice orchestration** - Partnership or credit programs available for global sustainability projects

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#### 4 Expected Deliverables

Following the discussion, we hope to receive:

- A **custom quote or hosting recommendation** for our initial Asia deployment
- Documentation on **interconnectivity and compliance standards**
- Information on **partnership programs or startup collaboration options**

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#### Contact:

**Jo Van Montfort** – Co-Founder  
[jo.vanmontfort@damnosolutions.com](mailto:jo.vanmontfort@damnosolutions.com)  
[www.digiaicarbon.com](http://www.digiaicarbon.com)