**Draft Memorandum of Understanding (MOU)**

**Among KEHWA – REMIT – Anyfive – TDTU – RITAB**

**Article 1 (Purpose)**

This Memorandum of Understanding (MOU) is made among **KEHWA, REMIT, Anyfive, TDTU, and RITAB** with the aim of establishing a **sustainable cooperation framework** in the fields of climate change response, environment, healthcare and medical tourism, smart energy management, agricultural innovation, and academic and educational exchange.

**Article 2 (Scope of Cooperation)**

1. **Environment & Agriculture**
   * Joint research and pilot projects on the TerraChar System
   * Development of carbon credits through rice husk recycling under *Vietnam’s One Million Hectares High-Quality, Low-Emission Rice Program*
   * Pilot projects for coffee farms in Đắk Nông Province
2. **Water Resources**
   * Research cooperation on Smart Water Plus water treatment and monitoring systems
   * Business matching between Vietnamese water purifier manufacturers and Korean solution providers
3. **Healthcare & Medical Tourism**
   * AI-based early detection of cancer, cardiovascular diseases, and diabetes
   * Telemedicine collaboration and dispatch of Korean medical specialists
   * Development of integrated medical tourism packages and joint participation in Vietmedicare Expo
   * Collaboration with University of Cuu Long’s Faculty of Health and ITC Faculty on AI healthcare applications, Hospital Management Information Systems (HMIS), and PACS/RIS systems
4. **Smart Energy Management (SEMS)**
   * Joint research and pilot projects on SEMS in cooperation with TDTU
   * Student and researcher participation in R&D projects with support from Korean energy monitoring enterprises
5. **Education & Academic Exchange**
   * Co-authored research papers and joint presentations at international conferences such as AETA 2025
   * Student and researcher exchange programs
   * Coordination of Korea–Vietnam joint research and development projects through RITAB

**Article 3 (Implementation Plan)**

* **October 2025**: Finalization of the MOU and preparation for signing ceremony
* **November 2025**: PPP agreement signing at the Korea–Vietnam Technology Transfer & Business Matching Program
* **December 2025**: Joint research presentations at the AETA 2025 International Conference
* **From 2026 onward**: Expansion of AI-based healthcare and medical tourism projects linked to the establishment of a General Hospital at University of Cuu Long

**Article 4 (Expected Outcomes)**

* **Research Outcomes**: Co-authored papers and joint presentations on TerraChar, SEMS, Smart Water Plus, and AI healthcare
* **Industrial Outcomes**: PPP-based commercialization models in carbon credits, water treatment, and medical tourism
* **Educational Outcomes**: Expanded student and researcher exchanges and capacity building
* **International Outcomes**: Establishment of a sustainable Korea–Vietnam cooperation ecosystem in environment, health, energy, and tourism

**Article 5 (Validity)**

This MOU shall remain valid for **three (3) years** from the date of signing and may be extended by mutual written agreement of the parties.

**Article 6 (Signatures)**

This Memorandum of Understanding shall come into effect upon signature by the duly authorized representatives of the parties.

* **Korea Environmental Health and Welfare Association (KEHWA)**  
  Representative: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Research Institute of Environmental Resources and Medical Technology (REMIT)**  
  Representative: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Anyfive**  
  Representative: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Ton Duc Thang University (TDTU)**  
  Representative: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **RITAB (Vietnam–Korea R&D Coordinator)**  
  Representative: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_