LLM Core AI

Net4Society

Interdisciplinary AI for Horizon Europe 2026

Bridging STEM Excellence with SSH Insights for Trusted Systems

Tae-Wan Kim, CEO
LLM Core AI, Inc. (South Korea)
Nature of Organisation: SME
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Official Associated Country Participant (Pillar II)

Who We Are: LLM Core AI, Inc.

- **Mission:** To deliver industrial-grade, secure, and energy-efficient AI solutions by bridging foundational research and real-world deployment.
- **Dual Expertise (STEM + SSH):**
  - **STEM:** High-reliability RAG, Model Quantization, Edge-AI optimization for hardware nerves (DNeuro/PNeuro).
  - **SSH:** Ethical AI governance, linguistic diversity protection, and human-centric interaction design.
- **Network:** Strong collaboration with French *Grandes Écoles* alumni, ensuring a blend of European scientific rigor and Korean agility.

Priority Topics for Consortium Building

Based on our core technologies, we are targeting the following calls:

Call ID	Target Area
CL4-2026-04-HUMAN-01	Core Technologies for Virtual Worlds & Web 4.0
CL5-2026-03-D3-23	AI-driven forecasting for Grid/Energy Sharing
CL2-2027-01-DEMOCRACY-04	AI, Cyberviolence, and Deepfakes vs. Democracy
CL2-2027-01-TRANSFO-05	Effective AI use in Pre-primary/Primary Education
HLTH-2026-01-DISEASE-02	AI for Youth Mental Health & Digital Tools

We are registered and ready for matchmaking on the Net4Society portal.

Technical & Societal Value Proposition

Trusted AI "By Design"

Eliminating hallucinations through logical grounding and formal verification for critical domains (Energy, Health, Defense).

- **Frugal Implementation:** Reducing the carbon footprint of LLMs for edge-deployment in Industry 4.0.
- **Linguistic Sovereignty:** Supporting multimodality and multilingual NLP to safeguard European cultural heritage.
- **Bridge Partner:** Facilitating EU-Korea technological transfer under the Horizon Europe associated status.

Consortium Partnership Profile

We are looking for:

- **Project Coordinators:** Seeking a high-tech SME from an associated country to lead technical work packages.
- **Academic Partners:** Specializing in AI ethics, social impact, or cognitive psychology (SSH integration).
- **Industrial End-users:** Manufacturing or Energy sector players interested in piloting trusted "Physical AI" solutions.

Join us to shape a responsible AI future for Europe and beyond.

Flash Pitch Request: Available for 5-min session on Feb 25.