

Your Excellency,

I wish to once again express my sincere gratitude for your kind attention during our meeting on 15 October. I fully understand that such reviews require time and careful deliberation, and I remain patiently awaiting any update at your convenience.

For your reference only (no action required), I have developed over the past two weeks a visible offline micro-AI presented as a small interactive demo. It operates entirely without an internet connection and intuitively illustrates its autonomous decision-making process — which may be useful when briefing headquarters.

Link: <https://mcorpai.org/>

PS.

To the best of my knowledge, embedding a self-learning AI within such a minimal framework — roughly 18 KB in size — may be one of the first practical demonstrations of its kind worldwide.

It visually proves that artificial intelligence can remain ethical and functional even under extreme constraints — including environments without electricity or network access.

Should you wish to explore it briefly, the interactive model is available at <https://mcorpai.org>.

The fact that a fully functional prototype has already been realized suggests that the underlying algorithm and operational logic are now fully established.

This implies that, with the capabilities of students or researchers at the University of Luxembourg, it would be entirely feasible to develop simple, life-saving devices based on this concept — such as the “AI Flashlight” outlined in the strategic document previously shared.

At this stage, what truly matters are three foundations: the algorithm itself (how it operates), its structural reasoning (operational logic), and, above all, creativity.

**Attachment: (one page)**

**The\_18KB\_AI\_Redefining\_Intelligence\_through\_Ethics\_and\_Autonomy.Pdf**

With highest respect and appreciation,

**Jeon Gyu-min**

The integration of **TinyML** is expected to yield exceptional performance.

TinyML may be applied to sensor-based industrial domains such as soil monitoring, cardiac anomaly detection, and machinery fault prediction,

while the **18 KB Offline AI** can be utilized in educational robotics, disaster-response drones, and ethical AI collaboration demonstrations.

When combined, these two technologies can form an ultra-lightweight AI system capable of operating fully offline, with a total size under **200 KB**, functioning reliably even on **low-cost semiconductor chips priced around USD 3**.

This approach represents more than a technical integration — it embodies a next-generation AI architecture uniting **Ethical Autonomy** and **Physical Sustainability**.

It aligns closely with Luxembourg's and the European Union's strategic priorities under the frameworks of **Trustworthy AI**, **Human-Centric AI**, and **AI for Good**, serving as a practical illustration of a **European humanitarian AI model** that harmonizes technological efficiency with ethical responsibility.

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