From Stone and Thread to Shared Intelligence

A Credit-Card-Sized Starting Point for Local Making and Global Participation

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Scan for this edition and participation guidance.

No One Left Behind in the GenAI Physical Era

A useful AI plan still needs people, materials, equipment and permission to change something in the physical world. HSIMC proposes a shared way to connect those capabilities: a defined result, at a named place and time, under agreed conditions, that another team can reproduce.

Start with what you already have

A workshop, a sewing machine, a printer, a material sample or an engineering skill can be a starting point. The contribution is one defined function: clear inputs and outputs, conditions of use, a responsible person and an agreed acceptance check.

Three contributions to explore

Stone and materials. Identify a suitable material stream, make a sample and compare its durability, cost and processing impacts.

Thread and print. Develop a conductive pattern, antenna or printed interface that connects to existing electronic components.

Shared engineering. Contribute a fixture, camera image or inspection function so another team can align and check a sample.

Connect capabilities on clear terms

Resource describes what is available. Authority records who may decide and act. Evidence records what was tested and accepted. Shared interfaces let independent teams develop against the same requirements. Stateless MCP is the proposed connection model: requests carry explicit context, while work records, permissions and evidence remain persistent.

Develop together before hardware ships

The current T736 reference path begins with cloud simulation and parallel hardware work, followed by remote reference-board validation, a frozen release, shipment and continued local operation. Available simulation records do not establish physical-board acceptance. Card-sized hardware remains a design target.

Measure the value of participation

Compare time to an accepted sample, full cost, rework, material use and independent reproduction at another location. Review benefits and burdens through the 17 SDGs and ESG, including who can participate, exercise authority and receive value. Financial returns and environmental gains require measured evidence.

Bring one capability. Define one result.

Describe what you can provide, where and when it is available, its constraints and how success will be checked. Start with one reproducible function; agree the conditions for sharing and use. The same method can then be explored across making, storage, logistics and assisted mobility.

Human Authority | Local Capability | Global Participation

Independent HSIMC proposal. Full white paper in preparation.

Sources: UN 2030 Agenda [1]; MCP specification, 28 July 2026 [2]. Source notes: matching online edition.

hsimc.tech/whitepapers/stone-thread/releases/r001-b001/en/brief/