

Project Overview



Mongolia Black Horse AI Computing Park is planned in South Gobi, Mongolia, combining green compute infrastructure, an offshore AI innovation lab and a global startup incubator. Phase 1 is a 5-20MW modular pilot; further expansion depends on pilot results, permits and financing.

Planning-stage project. Reference only; not an offer or investment advice.

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Green Compute Infrastructure

Phase 1 plans 5–20MW of containerized GPU pods, procured and deployed in modules. Proposed offers include dedicated pods, shared GPU subscriptions and private hosting. GPU models, rack density and delivery capacity remain subject to compliant procurement and design.

Cooling is planned primarily around passive natural air cooling for South Gobi's arid desert climate, with limited liquid cooling where needed. Target PUE is ≤ 1.18 , subject to commissioning tests and energy audits.

The proposed source-grid-load-storage system combines on-site wind, solar and battery storage, targeting 100% renewable generation. Supply sizing, reliability and backup arrangements require engineering assessment; tariffs are not confirmed.

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Research & Incubation

An offshore AI innovation lab is proposed with the Mongolia Institute of Artificial Intelligence: green computing and PUE research, Mongolian-language, remote-sensing and mining datasets, model fine-tuning, annotation, training and research publications. The Institute provides academic collaboration only, with no equity investment or commercial guarantee.

The planned incubator offers compute vouchers, research mentors, international capital introductions and access to WAIO assessment. Eligibility, support, equity and lease terms require review and written agreements; no fixed discount or investment return is promised.

The commercial SPV is responsible for infrastructure, financing, operations and customer business. The Mongolia Institute of AI supports research, talent and the proposed joint lab; WAIO supports the planned standards and independent assessment framework. Roles require final agreements; the Institute is not an investor or guarantor.

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24-Month Indicative Roadmap

The retained illustrative 24-month roadmap covers feasibility (months 0-9), design/build (10-18), pilot commissioning (19-21) and expansion assessment (22-24). This is not a committed delivery schedule; milestones depend on permits, financing, energy and supply chains.

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Tenancy & Compliance

Indicative pre-review materials include company registration and contacts, business description, compute or lab requirements, technical architecture and equipment list, plus funding, beneficial-owner, end-use and data-compliance information as applicable. The commercial team confirms the final checklist.

Use the inquiry form to provide company details, business use case, compute/lab/investment needs and technical information. The commercial operator coordinates technical and compliance review before agreement and phased delivery. Review timing, lease terms, pricing and reservations are to be confirmed; the Institute does not provide commercial approval or guarantees.

The Mongolia campus requires review of land, environment, construction, energy, investment, export controls and data obligations under applicable local and equipment-origin laws, including end-user and beneficial-owner checks. No automatic licensing exemption is claimed; advisers and authorities must confirm requirements.

The proposed WAIO Joint Green-Neutral Compute Certification covers annual energy and carbon audits, offshore data-isolation compliance and AI safety/model evaluation. This is not a claim of awarded certification; academic and third-party assessments do not replace government permits or regulatory licenses.

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