BGI Nexus Voter's Guide, v2.0

Pairwise Voting • Proposal Review Tips • Community Resources

🤝 Welcome to the BGI Nexus Grant Voting Round!

The first round of BGI Nexus grant voting is about to begin! Thanks to incredible community support, the pilot phase has progressed smoothly, and we're thrilled to enter this final stage—with broad participation and shared purpose.
This guide will walk you through everything you need to know:

- How the pairwise voting process works
- Tips for reviewing proposals thoughtfully
- A brief overview of the expert review process
- And how to make the most of your role in shaping this funding round

Let's make this a meaningful expression of collective intelligence—and support the ideas that will help build a beneficial future with AI.

Voter's Guide Contents

🗳️ Why We're Using Pairwise Voting

At BGI Nexus, we believe in **inclusiveness, transparency, and collective wisdom** to guide the future of beneficial AI. Traditional voting—selecting a "best proposal" from a big list—can easily become a popularity contest or overwhelm thoughtful participation.

Instead, we've chosen **pairwise voting**, a simple and powerful method that:

- Reduces bias and overload
- Encourages careful comparisons

- Lets every voter meaningfully contribute

Rather than ranking every proposal at once, pairwise voting invites you to review **just two proposals at a time**, helping the community prioritize what matters most.

⚙️ How the Voting Platform Works

1. **Log In & Verify**
    - You'll log in with your email and confirm via a quick double opt-in.
2. **Compare 8 Proposal Pairs**
    - You'll be shown 8 pairs of proposals (up to 16 unique projects).
    - For each pair, you'll choose which one should be prioritized for funding.
    - You may see some proposals more than once—the system algorithmically adjusts in real time to refine the community's overall ranking, and differentiate between closely ranked items.
3. **Review Full Proposals**
    - The Pairwise interface will show the proposal titles, summaries, and links to the full proposals hosted on Deep Funding.
    - Click the links to explore each project in more detail before deciding.
4. **Rankings Emerge Collectively**
    - You don't need to see every proposal. The platform uses **collective comparisons** to generate a final priority list across the community.
    - The more participants, the stronger and more nuanced the final rankings.

🌱 A Guide to Grant Round Criteria

You don't need to be an expert. What matters is that you approach each pair of proposals with attention, curiosity, and care. Your perspective helps build a collective picture of what our community values.

Here's how to evaluate proposals:

🔍 What to Look For

- **Impact**
  Will this project make a meaningful contribution to humanity or beneficial AI?
- **Innovation**
  Does it offer something novel or valuable that doesn't already exist?

- **Ethics & Safety**
  Does it show awareness of risks, inclusion, and responsible use?
- **BGI Alignment**
  Does it reflect the values of the BGI Nexus—human flourishing, decentralized collaboration, and intersubjective intelligence? Does it reflect the round theme of "Building a Compassionate and Abundant Future"

Use these as guiding questions to help make your choice - if you have difficulty prioritizing between certain options, just do your best and trust the community will all contribute to sorting amongst nuance.

❤️ How to Thoughtfully Review Proposals

how to approach reviewing proposals:

1. Read the Full Proposal
Each voting card shows a brief overview—but to get the full picture, click through to read the complete proposal on the **Deep Funding platform**. You'll find:

- The proposer's name and team background
- Project goals and outcomes for social or environmental impact
- Technical details of the project and building methodology
- Timeline, milestones and use of funds
- Alignment with AI safety and ethical values
- Many projects have also provided a brief 3-minute video introduction to their project, included on the proposal page, or have had their Spotlight Day Presentation highlighted. Some projects also have additional links to videos, websites, demos, repositories, etc.

A note on milestones - just as in the Deep Funding grant program, funds for awarded projects will be disbursed only at the completion of each milestone, as demonstrated by a team report upon milestone completion.

📚 Additional Resources

Along with the written proposal, there are other ways you can find out more about the projects and teams!

- ▶️ **Spotlight Day Video:** The presentations from Spotlight Day were recorded; many of the projects were able to attend and highlight their project to the attendees, and answer

community questions. The full recording will be available shortly - watch the BGI Nexus Grant Page for details.

- 💬 **BGI Telegram Group**: Join the conversation, ask questions, and hear what others are thinking in real time; many of the proposers are in this group, and may be able to answer proposal questions as well! Join here.

Time spent digging into these wonderful projects will be well rewarded with inspiration. Thank you for helping shape a better future—together.

Thank you

We appreciate your time and effort in helping shape the future of beneficial AI! If you have any questions, feel free to reach out.

🔮 What's Next?

Once voting wraps, results will be carefully processed and verified. The **awarded projects will be announced during the week of April 14**.

To be the first to hear the results and stay updated on future grant rounds, events, and community initiatives, be sure to **subscribe to the BGI Nexus newsletter** or follow us on your favorite channels.

About the BGI Nexus project

The BGI Nexus has been formed to take real-world action in collaborative global governance toward beneficial AGI. Nexus is a community that fosters discussion and derives insights on the future of responsible AI, and then accelerates action toward these goals through funding and other resource-sharing. Our grant round will support innovative technical projects that work specifically towards social good, positive environmental impact and sustainability, and supporting all life on Earth.

Visit Website

About the BGI Nexus Funding Round 1

"Building a Compassionate and Abundant Future"

The first grant funding round of the BGI Nexus initiative kicked off on 10 February 2025. In this pilot round, we have invited the community to produce beneficial AI and BGI technical proposals that can win a maximum of $50k per project. Winning proposals will showcase the unbound potentials of AI

to solve real-world problems, in alignment with the BGI Nexus mission. At BGI Nexus, we see the grant cycle as more than just funding—it's a way to cultivate our vision of a thriving nexus for cooperation and resource-sharing toward a beneficial landscape for all. Through this initiative, we aim to support projects and movements dedicated to building a compassionate and collective future. Reviews are an important part of ensuring that funded projects are maximally beneficial and of the highest quality.

Round Details

Eligible Proposals List

NigerGuard:AI Climate Resilience-Vulnerable States - NigerGuard addresses critical climate vulnerabilities in Nigeria's most affected states through AI-powered prediction and community engagement. The project initially targets six highly vulnerable states: Borno, Yobe, Adamawa, Kebbi, Niger, and Lagos, where climate change impacts are most severe and documented. Northeastern Nigeria faces severe climate challenges: Borno has 78% climate-vulnerable population, 25% rainfall reduction; Yobe shows 82% vulnerability, massive Lake Chad shrinkage; Adamawa reports extensive flooding. Northwest's Kebbi faces major flood damage, while Niger State shows widespread community impact. Lagos faces coastal erosion and rising seas, risking ₦78.3B losses yearly

GlucoseDAO - GlucoseDAO is a decentralized organization that enables diabetics and others with continuous glucose monitors (CGMs) to get accurate glucose predictions at least one hour in advance. For millions of diabetic people, such predictions are crucial to planning their everyday lives (when to inject, act, or do sports). It is also helpful for healthy people as it allows them to optimize their diet and exercise routines based on glucose patterns. What we are developing: -Extension of GlucoBench benchmark that will also measure human performance -Open-source ML model to predict glucose and related health outcomes -ML service and app that everybody can use easily

Project Lovelock – Living Libraries Network (LLN) - Inspired by the late great scientist & futurist, James Lovelock, who developed scientific instruments for NASA and that noticed how Earth functions as a self-regulating system. The vision for Project Lovelock is to create a global network of AI enhanced physical Library spaces that make it easy, insightful and inspiring to understand Earth’s ever evolving self-regulating systems on a bio-regional scale and how to better live in harmony with them. This environmentally integrated network empowers landowners, local councils and communities with crucial information for improved long term decision-making.

Autistic AI Safety Framework & AGI Confidant -Autistic adults face dire odds in even the best of times, and these are not the best of times. Our neurodivergent community has 84% under & unemployment, 9x higher risk of suicidal ideation, and 5x greater risk of abusive relationships. We live shorter lives. 11% of autistic adults also identify as LGBTQ2+, now a politically targeted group in USA. We propose creating a new framework of autistic-safe ethics & data protections for AI/AGI development created for us, by us, then implement our framework in the training of a neuro-symbolic autistic support prototype model.

Think Inclusion Conferencing App - Understanding the need for an inclusive and accessible space,institutions create accessible pathways for mobility impaired amongst us, sign language interpreters for audio impaired amongst us, and a host of other structures to accommodate these important members of our society.However it seems to be a lost art today as we moved to the digital space.We unconsciously neglected some demographics amongst us,we don't build technologies thinking actively about them: The visual, audio and speech impaired etc. are the ones mostly affected by this.Think Inclusion project creates AI tools helping this specific demographics with access, with an ai meeting app being the focus of this specific proposal

BIONEXUS GAIA: AI for Regenerative Biodiversity – A next-generation platform leveraging AI to revolutionize biodiversity conservation. It features a dynamic, case-by-case database of flora and fauna, empowering global researchers with crucial ecological data. It also comprises of a transparent mini carbon credit marketplace that supports ecological conservation funding, while incorporating a citizen science and ecotourism initiative that foster public engagement efforts aimed at eco conservation. It is designed with Beneficial AGI principles, ensuring safety, ethics, and regenerative sustainability, driving positive AI behavior and advancing environmental resilience through cutting-edge, decentralized technology.

Productivity EEG-AI Agents - Many individuals struggle with maintaining focus and interest at work, often feeling overwhelmed due to mental fatigue. Traditional self-assessments of focus levels are unreliable, leading people to believe they are productive when, in reality, their cognitive performance is declining. This results in frustration, decreased efficiency, and an overall drop in workplace well-being. Each individual varies in their optimal working patterns, and our AI agents help tailor focus strategies based on real-time brain activity. By leveraging wearable EEG technology, we ensure a highly personalized and adaptive approach to productivity enhancement.

Scale Free Alignment - We aim to address a gap in alignment research and develop tools that can be applied to current (e.g. language model agents (LMAs)) and future systems. To achieve our goals we aim to formally unify and build upon two lines of research. The first is based on Michael Timothy Bennett's recent research into the intelligence of scale-free biological systems, their stability, and how they decentralize and delegate control. The second is based on Elija Perrier's research on language model agents, which measure's the degree to which LMAs retain their identity. The desired result is a framework for designing and evaluating decentralized, delegated and scale-free systems involving both AI and humans.

CyberPravda: sybil-resistant service of veracity - The Internet is overwhelmed with fakes due to the evolution of malicious artificial intelligence agents created by fraudsters to falsify all kinds of content. As a result, humanity rapidly loses its ability to cooperate globally to achieve common goals, as mutual trust between people is fundamentally limited by the number of personal relations of each individual. But solving global problems requires the joint efforts of all mankind and a digital certificate of trust is necessary for a decentralized cybereconomy to function. We have developed a trust ecosystem for decentralized autonomous organizations based on a unique algorithm for information veracity and reputation rating of its authors.

Acropolis OS - Autonomous Community AGI – Civilizations collapse from internal social fabric failure, not external forces. Acropolis OS provides open-source tools for effective community and organization self-organization, tackling this issue. By shaping community ontology, Acropolis OS establishes foundational identity, enabling cohesive structure and effective world engagement. Based on ontology-driven knowledge, Community AI Agents offer context-aware, adaptive services, enhancing member efficiency and information access. Autonomous Community AGI, Acropolis OS aims to foster seamless coordination, maximizing symbiotic intelligence – human and AI fusion for resilient, self-governing collectives.

London Voice - London Voice is an AI-powered, decentralized governance application designed to capture authentic voices from local communities and help them effect meaningful change. By gathering nuanced, ground-level perspectives, London Voice merges voting and AI-driven sentiment analysis to spotlight issues that truly matter. Participants retain ownership of their data, contributing pseudo-anonymously through Soulbound Tokens (SBTs). The result is a collective, community-trained AI “voice” that can inform better policy decisions, amplify underrepresented perspectives, and support real-world interventions

Ethical AI Auditing – a practice based approach - This project will develop an Ethical AI Auditing framework for graph-based and vectorisation systems, ensuring fairness, transparency, and compliance with ethical standards. It aims to enhance data accuracy, detect bias, and improve accountability in AI decisions. Using community-sourced data, the project will design accessible auditing techniques and share open-source tools to promote ethical alignment and trust in AI systems.

Fair AI Content Moderation - This project aims to develop an AI-powered content moderation system that ensures fairness, reduces biases, and upholds freedom of expression. By leveraging Natural Language Processing (NLP), fairness-aware algorithms, and Explainable AI (XAI) techniques, the system will provide transparency in decision-making. Blockchain integration will further enhance

accountability through decentralized content auditing. The solution will create a safer online environment while mitigating algorithmic biases and promoting ethical AI governance.

Stress Quantify – AI-Powered HRV Analysis - You feel stressed, maybe after a tense meeting or rushing through traffic. You remember your smartwatch tracks stress, so you check it, hoping for answers. It shows a score, maybe a graph, but what does it actually mean? Should you rest, breathe, or push through? Instead of clarity, you're left guessing. Over time, you stop checking, realizing these numbers don't truly help. Some insights are locked behind subscriptions, and every brand calculates stress differently, making cross-device comparison impossible. Instead of reducing stress, these metrics often add to the confusion, leaving you with more questions than solutions.

Aid for Speech Impairment using AI (ASAI) – Aid for Speech Impairment using AI (ASAI) is an AI service designed to improve communication for individuals with speech impairments, particularly those affected by dysarthria, a motor speech disorder characterized by slow or slurred speech. Unlike traditional speech recognition systems, which often fail to accurately process impaired speech, ASAI leverages machine learning models to translate audio from these individuals into clear, readable text. By integrating ASAI into SingularityNET's AI marketplace, we provide a highly specialized service that addresses an underserved community while expanding the platform's inclusive offerings which aligns with BGI's mission of promoting social good.

Sign Language Translator AI (SLTA) – Sign Language Translator AI (SLTA) is an AI service designed to automatically translate sign language from video files into text. Leveraging computer vision and machine learning, SLTA will interpret hand gestures within the sign language videos to provide real-time translations. This service aims to eliminate communication barriers for millions of deaf and hard-of-hearing individuals, improving accessibility for non-signers. SLTA's inclusion in the SingularityNET marketplace will enhance its ecosystem with a socially impactful AI solution, promoting inclusivity and accessibility, in line with BGI's commitment to social good.

AURORA: Decentralised AI for Carbon Credit Trust - Harnessing decentralised AI and blockchain, AURORA redefines industrial decarbonisation by validating scalable, verifiable CCS carbon credits through real-time insights, predictive analytics and transparent ESG reporting. Inspired by SingularityNET's open AI marketplace, AURORA integrates secure, interoperable AI services to optimise carbon capture, storage and impact investment mechanisms. This innovative platform builds trust and transparency in climate finance, accelerating the global transition to sustainable, low-carbon operations.

ReGenAI - Ecological AI is a new paradigm—AI-driven intelligence that aligns decision-making with living systems to foster a regenerative society and economy. This project develops an open-source Ecological AI prototype, integrating global and bioregional text-based data to deliver context-aware, regenerative decision-support. Using Retrieval-Augmented Generation (RAG), the AI processes ecology, regenerative design, economics, and Indigenous knowledge, tested through an urban adaptation use case. By open-sourcing this framework, we lay the groundwork for scalable Ecological AI that may help humanity transition to an ecological civilization, advancing planetary health and AGI safety.

Gamifying Benevolent AGI: Elowyn - This proposal seeks funding to advance the Moloch AI system in the web3 Elowyn: Quest of Time game, in collaboration with SingularityNET. By gamifying evolutionary algorithms, the project trains Transformers and DNNs that can enhance Hyperon's PRIMUS cognitive architecture. It explores and demonstrates the effectiveness of EMs for: 1) updating node weights of multi-model DNNs to create adaptive, context-aware benevolent AI, and 2) evolving DNN architectures to optimize the Moloch and Elowyn Tree AIs' dynamic challenges, incentivizing a shift from competitive to collaborative play. Elowyn also serves as a cutting-edge AGI development sandbox in support of SingularityNET's goals.

Integrated Information Decision-Making System - We propose an R&D initiative leveraging Integrated Information Theory (IIT) to quantify the dynamic 'consciousness' of complex systems—such as smart cities, ecosystems, supply chains, and AI agent systems. By measuring a system's integrated information (Φ), our tool will enhance human and AI-driven decisions in resource allocation, sustainability, and governance. Deliverables include approximate Φ calculation and a prototype analytics dashboard, assisting in optimizing actions while preserving overall system synergy and ethics. Our team is led by SingularityNET veteran and neuroscientist-multidisciplinarian Dr. Gabriel Axel Montes, with experts onboard in maths, complexity, & sustainability.

Farmlingua – Farmlingua is an AI-powered farm bot assistant that provides personalized, real-time farming guidance to rural and suburban farmers in local languages. Accessible via mobile/desktop app or USSD for those with limited internet access, it offers advice on soil, planting, fertilization, pest control, disease management, harvest, funding, and market access. Farmlingua's AI model ensures ethical data privacy, uses NLP to tailor advice to local languages, and updates its knowledge base on sustainable practices, delivering crop-specific insights and boosting productivity.

SleepAI - SleepAI is revolutionizing sleep apnea diagnosis with an AI-powered software solution that leverages data from any oximetry-based device. Unlike traditional methods that are expensive, cumbersome, and limited to single-night assessments, SleepAI enables reliable home-based diagnosis with multi-night monitoring, ensuring a more comprehensive evaluation of sleep disorders. Validated in a clinical trial, SleepAI delivers the best analytical performance ever achieved in the field, seamlessly integrating with any wearable to enhance its capabilities with cutting-edge AI-driven health insights, setting a new standard for sleep apnea early detection and long-term management.

Human-AI Collaboration Governance Framework Polis.ai - Polis.ai: AI-Powered Governance for Sustainable Social Development revolutionizes governance through Human-AI collaboration, integrating AI-driven governance and decision-support systems, machine learning, blockchain-based voting, and participatory deliberation to streamline policy creation, evaluation, and execution. By removing bureaucratic inefficiencies and ideological bias, empowering citizens, experts, and policymakers by transforming ideas into structured legislative proposals, forecasting policy impacts, and ensuring transparent, decentralized governance. Empowering communities to drive sustainable growth with AI as a common good.

Benevolent AI Agent Interactions - We propose to build a framework to enhance human user experience (UX) with AI agents. This framework includes a) agents being more emphatically aligned (or in tune) with human emotions and tone and b) agent personas and responses that are more engaging, welcoming, and wholesome. In order to build this framework, we will explore, research, and synthesize multiple novel AI techniques from both the GenAI-LLM and Neural-Symbolic AI domains. We will test this framework on our existing AI agent characters, including McDolan, demonstrating the agent's UX improvements with human users. Finally, we will open-source this framework alongside a whitepaper so other devs can use it for their AI agents.

Valuing Invisible Flows for Collective Evolution - Seeding transition pathways to a post-polycrisis world requires radical and safe experimentation. As change-makers, we need a way to evaluate actions, track impact, and communicate learnings without sacrificing systemic complexity. We, as Prisma, organise action-learning journeys, and we are attempting to integrate experiential learning and collective journaling with AI-enabled semantic query & insights generation. Our intention is to generate a multi-dimensional timeline of shifts in thinking and being - which will contribute to regenerative intervention design, feedback on real-time systems change, and enhanced collective intelligence. Using this, any purposeful group can evolve itself.