# Ozeaon Community-Aligned Artificial Intelligence Charter of Ethics

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## 1. Preamble

### Purpose

The Ozeaon Foundation adopts this Community-Aligned Artificial Intelligence Charter of Ethics (the "Charter") to establish the ethical principles, governance requirements, and operational obligations governing the design, procurement, development, deployment, integration, and oversight of artificial intelligence within the Ozeaon ecosystem.

This Charter exists to ensure that artificial intelligence is used in a manner consistent with Ozeaon's mission and values, including regenerative development, scientific integrity, open and accessible knowledge, educational equity, community participation, and responsible innovation. Ozeaon is publicly framed as an inclusive climate technology ecosystem that advances education and innovation through open science, AI, and blockchain, with

emphasis on regenerative practices, collaborative knowledge creation, and broad access to high-quality educational resources.

Under this Charter, AI shall be used to support human understanding, capacity-building, coordination, monitoring, and evidence-informed action. AI shall not replace human moral judgment, accountable governance, scientific scrutiny, or community decision-making.

**Current and Future Scope of AI Use within Ozeaon**

As of this Charter's most recent update, Ozeaon's most developed application of artificial intelligence is the Ozeaon Climate Intelligence System (OCIS), described further in Section 7. OCIS represents the Foundation's initial, concrete implementation of AI in support of environmental monitoring, project integrity, and climate-related knowledge work, and is the primary lens through which this Charter's principles are currently being operationalized.

Ozeaon anticipates that AI may be introduced into other parts of the platform and its wider work over time, including but not limited to content discovery and summarization, translation and accessibility support, educational tooling, moderation triage, and administrative or research support functions. Any such expansion shall be undertaken responsibly and with transparency, consistent with every principle set out in this Charter, and shall be subject to the same risk classification, pre-deployment review, and disclosure requirements described in Sections 4, 5, and 12, regardless of whether the specific system existed at the time this Charter was adopted.

This ensures that this Charter functions as a standing framework governing all current and future AI use across Ozeaon, rather than a static description of any single system.

**Scope**

This Charter applies to:

- all artificial intelligence systems, models, agents, algorithms, automated classifiers, ranking systems, recommender systems, and generative AI tools used within the Ozeaon ecosystem
- the Ozeaon Climate Intelligence System (OCIS) and all Digital Monitoring, Reporting, and Verification (dMRV) services and related digital integrity systems
- all datasets, data processing pipelines, analytics infrastructures, and automated decision-support tools used in connection with Ozeaon activities
- all third-party AI services procured, licensed, embedded, or relied upon by the Foundation or by approved ecosystem actors where such systems materially affect Ozeaon operations, users, communities, or governance

This Charter is binding on:

- the Ozeaon Foundation
- the Cross-Functional AI Center of Excellence ("AI CoE")

- all officers, employees, fellows, contractors, researchers, advisors, and technical contributors acting under Foundation authority
- partners, vendors, collaborators, grantees, and ecosystem participants whose AI-related activities are integrated into or materially affect Ozeaon systems
- DAO participants to the extent that AI-generated outputs are used in governance, curation, review, funding, or verification processes

Compliance with this Charter is a condition of participation in AI-related development, deployment, procurement, or governance within the Ozeaon ecosystem.

**Normative Alignment**

This Charter shall be interpreted in a manner consistent with:

- the mission and values of the Ozeaon Foundation
- the principles of open science, including accessibility, rigor, collaboration, and responsible sharing
- FAIR data and knowledge practices, and where applicable CARE-informed respect for collective, cultural, and community data rights
- Ozeaon's stated commitments to educational equity, transparency, community-driven governance, international collaboration, and regenerative development
- applicable law and regulation in relevant jurisdictions

Ozeaon's own public materials emphasize open access to educational resources, transparent data provenance, community-driven governance, local and indigenous knowledge, and collaboration across sectors and countries. This Charter gives those principles binding ethical effects in the AI domain.

## 2. Foundational Commitments

All AI use within the Ozeaon ecosystem shall be governed by the following commitments.

**Regenerative Purpose**

AI shall be directed toward outcomes that support ecological resilience, environmental restoration, climate adaptation, knowledge accessibility, human wellbeing, and just transition pathways. Ozeaon's public mission is explicitly regenerative and links innovation, ocean-climate knowledge, and sustainable development.

AI shall not be used in ways that materially undermine ecological integrity, community wellbeing, or the long-term regenerative aims of the Foundation.

**Human and Community Primacy**

Human beings and affected communities shall remain the legitimate locus of judgment, accountability, and governance. AI systems may inform analysis and support deliberation, but they shall not be treated as autonomous moral, scientific, or political authorities.

No AI output shall be treated as final or binding in matters involving governance, funding approval, project integrity assessment, scientific interpretation, or community impact unless it has been reviewed through an accountable human process appropriate to the level of risk.

**Scientific Integrity**

AI-assisted outputs used in research, education, project validation, or public communication shall be handled in ways that preserve methodological integrity, source traceability, and epistemic humility.

Where AI is used to summarize, classify, translate, or interpret scientific material, the system must not conceal uncertainty, fabricate sources, misrepresent evidence, or present speculative outputs as established fact.

**Transparency and Explainability**

AI systems shall be documented to a level proportionate to their function and risk. At minimum, documentation shall address:

- system purpose
- developer or provider
- training or source data categories where known and appropriate to disclose
- intended use and prohibited use
- known limitations
- review procedures
- version history
- oversight responsibility

For any material AI-assisted process, Ozeaon shall be able to explain, in reasonably accessible terms, how the system is used and what role it played in the relevant outcome.

**Fairness, Inclusion, and Knowledge Justice**

AI systems shall be assessed for risks of bias, exclusion, representational harm, and systematic disadvantage. Special care shall be taken where systems affect participation, visibility, reputation, funding access, educational opportunity, or recognition of contributions.

Because Ozeaon is designed as an inclusive, community-driven platform intended to widen access to high-quality knowledge and participation, AI shall not be designed or deployed in ways that entrench inequality, silence minority perspectives, or distort the visibility of less-resourced contributors.

**Respect for Local, Indigenous, and Community Knowledge**

AI use involving local, traditional, indigenous, or community-derived knowledge shall be guided by respect, context, attribution, consent where appropriate, and protection against extractive appropriation.

Such knowledge shall not be ingested, translated, summarized, tokenized, commercialized, or redeployed through AI systems in ways that sever it from community context or violate legitimate cultural, collective, territorial, or stewardship claims.

**Open Knowledge with Responsible Boundaries**

Ozeaon favors open and discoverable knowledge-sharing, including open educational resources, transparent provenance, and structured accessibility.

However, openness shall not be interpreted to require disclosure where doing so would:

- violate privacy or confidentiality
- expose sensitive ecological locations or vulnerable species
- misappropriate community-held knowledge
- breach contractual or legal duties
- create meaningful security or misuse risks

The default principle is open where justified, restricted where necessary, and always documented.

**Environmental Proportionality**

Where relevant, the Foundation shall assess and seek to reduce the environmental footprint of AI systems, including computational intensity, energy use, redundancy of processing, and avoidable resource waste.

Higher-impact AI systems should be justified by clear public-interest, scientific, or mission-related value.

**Privacy, Dignity, and Data Stewardship**

Data used in AI systems shall be handled lawfully, proportionately, and with due regard to privacy, dignity, security, and context. Data collection and processing shall be limited to what is relevant and justified for a legitimate purpose.

Ozeaon's commitment to trustworthy, transparent, and accessible knowledge infrastructure requires strong provenance and stewardship, not indiscriminate data extraction.

**Contestability and Redress**

People and communities materially affected by AI-supported processes shall, where appropriate, be able to:

- know that AI was used
- request meaningful clarification
- challenge errors or harmful outcomes
- seek human review
- trigger correction, withdrawal, or remediation processes where justified

## 3. Permitted and Prohibited Uses

### Permitted Uses

Subject to this Charter, AI may be used for purposes including:

- summarizing research and educational content
- improving discoverability of open resources
- language support and translation
- data analysis for environmental monitoring, Earth Observation, and dMRV support within the Ozeaon Climate Intelligence System (OCIS)
- drafting non-binding reports, visualizations, and scenario analyses
- improving accessibility and educational navigation
- assisting with content moderation triage, where human review remains in place
- supporting project integrity workflows and anomaly detection, provided outputs remain reviewable

These functions are aligned with Ozeaon's stated use of AI for article summaries, Q&A, educational access, content support, and knowledge infrastructure.

### Prohibited Uses

Unless explicitly authorized by a supermajority governance process and supported by a dedicated risk framework, AI shall not be used to:

- exercise voting rights in DAO or Foundation governance
- autonomously approve, reject, or execute governance decisions
- impersonate human stakeholders without clear disclosure
- fabricate scientific authority, citations, or evidence
- conduct covert manipulation of community behavior or governance outcomes
- generate or present project integrity claims as verified fact without accountable review
- conduct indiscriminate surveillance of participants or communities
- profile individuals or communities in a manner that creates unjustified exclusion, reputational harm, or discriminatory treatment
- tokenize, commercialize, or externalize community-derived knowledge without proper authority and ethical review

## 4. Governance and Institutional Oversight

### Role of the AI Center of Excellence

The Cross-Functional AI Center of Excellence shall be the primary internal body responsible for AI ethics, assurance, and operational governance. It shall:

- maintain this Charter and related policies
- review AI systems before deployment
- classify systems by risk level
- maintain an internal AI systems register
- require and retain documentation, model cards, data sheets, or equivalent records where appropriate
- oversee testing, incident review, and post-deployment monitoring
- issue periodic transparency reports
- advise the Foundation's governing body on AI-related strategy, risk, and compliance
- coordinate with legal, technical, scientific, and community representatives

Given Ozeaon's stated intent to build AI-supported educational and knowledge systems while retaining community-driven governance and transparent curation, a formal review body is necessary to keep AI aligned with mission.

**Multi-Stakeholder Review**

For material or higher-risk AI deployments, the AI CoE shall ensure review includes appropriate cross-functional representation, which may include:

- technical experts
- scientific or domain experts
- legal and compliance advisors
- governance representatives
- where relevant, community or knowledge-holder perspectives

**Role of the Foundation Governing Body**

The Foundation's governing body shall retain ultimate authority over:

- approval of high-risk AI uses
- acceptance of residual ethical risk
- major amendments to this Charter
- sanctions in cases of material non-compliance
- strategic decisions concerning AI's role in the ecosystem

**Role of the DAO**

Where DAO structures are active, DAO participants may:

- review AI-supported outputs
- vote on AI-related policies, tooling priorities, or approved use-cases
- participate in community oversight and feedback channels

However:

- AI systems shall not vote
- AI systems shall not autonomously propose binding governance actions in their own name
- AI outputs shall not override community governance processes
- any DAO use of AI must remain subject to the Charter and to human accountability

This reflects Ozeaon's own governance logic, where users participate in content curation and platform development through community-led mechanisms rather than machine authority.

## 5. Risk Classification and Pre-Deployment Review

### Risk-Based Approach

All AI systems shall be classified before deployment as low-risk, medium-risk, or high-risk according to factors including:

- impact on rights, opportunities, or reputation
- effect on governance, funding, validation, or public communication
- sensitivity of data involved
- ecological or community implications
- degree of automation
- reversibility of harm
- reliance by non-expert users

### Minimum Pre-Deployment Review Requirements

Before deployment, any AI system shall undergo documented review addressing:

- purpose and necessity
- expected benefits and foreseeable harms
- data provenance and legal basis
- privacy and security implications
- fairness and bias risks
- environmental proportionality where relevant
- explainability and documentation standards
- human oversight arrangements
- incident escalation and fallback procedures
- alignment with Ozeaon's mission and governance principles

### Additional Requirements for High-Risk Systems

High-risk systems shall require:

- written approval by the AI CoE and designated Foundation authority
- documented testing and validation
- red-team or adversarial testing where appropriate
- defined review intervals
- mandatory human-in-the-loop controls
- suspension capability if material concerns arise

## 6. Data Ethics and Knowledge Stewardship

### Lawful and Ethical Basis

Data collection and use shall rest on an appropriate lawful and ethical basis. Legal permissibility alone shall not be treated as sufficient where the use would be inconsistent with community trust, ecological stewardship, or knowledge justice.

### Data Provenance and Quality

Ozeaon shall maintain appropriate records of data provenance and source reliability, particularly where outputs are used in educational, scientific, governance, or dMRV contexts. Ozeaon's public materials already emphasize provenance, credible sources, and transparent origin tracking.

### Data Minimization and Protection

Only data reasonably necessary for the stated purpose shall be collected or processed. Safeguards shall be maintained against unauthorized access, misuse, leakage, or re-identification.

### Community and Collective Data Rights

Where data relates to identifiable communities, collective stewardship concerns, indigenous knowledge systems, or place-based ecological information, the Foundation shall apply heightened caution and may impose additional restrictions on use, sharing, training, or commercialization.

### Retention and Deletion

The Foundation shall establish retention and deletion practices proportionate to operational need, legal obligation, and ethical responsibility.

## 7. The Ozeaon Climate Intelligence System (OCIS)

### What OCIS Is

The Ozeaon Climate Intelligence System (OCIS) is Ozeaon's primary current application of artificial intelligence within the ecosystem. OCIS is designed to bring together Earth Observation data, geospatial and sensor inputs, and Digital Monitoring, Reporting, and Verification (dMRV) processes with AI-assisted analysis, in support of environmental and

project-level intelligence. Related and dependent features include Project Integrity Scoring, dMRV monitoring and reporting, and AI Footprint estimation.

OCIS and its related features are under active development and may be released on a phased, beta, restricted, or experimental basis before becoming generally available. This Charter applies to OCIS in its current and future forms, including any expanded, renamed, or successor systems, and to any other Ozeaon system that performs a substantially similar function.

**Function**

dMRV systems within Ozeaon, as part of OCIS, are intended to support the monitoring, reporting, and verification of environmental and social outcomes, including project integrity, impact tracking, and knowledge-supported assessment processes.

**AI as Supportive, Not Sovereign**

Within OCIS, AI may support:

- environmental signal analysis
- pattern recognition across sensor, satellite, geospatial, or project datasets
- report drafting and visualization
- traceability, timestamping, and workflow support
- anomaly detection and consistency checking

AI-assisted OCIS and dMRV outputs shall be considered evidentiary support, not final determinations.

**Integrity Safeguards**

OCIS and its dMRV components shall be designed to preserve:

- traceability of inputs
- methodological clarity
- reviewability of outputs
- documented uncertainty
- capacity for independent scrutiny where feasible
- community validation pathways where contextually appropriate

**No Overstatement of Certainty**

AI-supported project scoring, integrity indicators, or risk flags shall not be represented as objective truth without clear explanation of method, limitations, and review status.

Consistent with Ozeaon's public Terms of Use, and until superseded by dedicated OCIS-specific terms: OCIS does not replace expert judgement; Project Integrity Scoring does not guarantee funding, verification, endorsement, or market access; dMRV reporting does not automatically create verified credits, financial value, or legal compliance; Earth

Observation and environmental analysis outputs depend on data availability, methodology, location, and validation; and AI Footprint estimates are indicative and methodology-dependent. Where OCIS outputs are shared with users, communities, partners, or funders, these limitations shall be disclosed clearly and in reasonably accessible terms.

## 8. Rights of Participants and Affected Communities

Any participant or materially affected person or community should, where appropriate to context, have the right to:

- receive clear notice where AI is materially involved in a process affecting them
- know the general purpose of that AI use
- have their data handled responsibly and lawfully
- challenge materially inaccurate or harmful outputs
- request human review in material cases
- receive attribution or recognition for contributed knowledge where applicable
- participate in governance discussions where AI materially affects community outcomes

These rights are consistent with Ozeaon's model of community participation, open knowledge access, transparent provenance, and democratic involvement in content and platform governance.

## 9. Operational Controls

The Foundation shall implement technical and organizational measures including:

- version control for models, prompts, datasets, and key configuration changes
- access controls and security controls
- audit logs where proportionate
- periodic review of system performance and drift
- error-reporting and correction processes
- clear ownership assignment for each material AI system
- fallback procedures when systems fail or produce unreliable outputs
- procurement checks for third-party AI providers
- periodic re-evaluation of continuing necessity and proportionality

## 10. Education, Literacy, and Capacity Building

Because Ozeaon is fundamentally a knowledge and capacity-building ecosystem, the Foundation shall promote AI literacy sufficient for meaningful participation, critical evaluation, and informed governance. Ozeaon's broader mission is to widen access to educational resources, collaborative innovation, and practical tools for sustainable development.

This may include:

- plain-language explanations of AI systems used
- educational resources on AI strengths, sustainability, limitations, and risks
- public-facing guidance on responsible contribution and interpretation
- support for communities engaging with dMRV or AI-supported knowledge systems

## 11. Partnerships and Third-Party Compliance

All external partners participating in AI- or dMRV-related activities within the Ozeaon ecosystem shall:

- comply with this Charter or an approved equivalent standard
- cooperate with review, audit, and documentation requirements
- disclose material subcontracting or dependence on third-party AI providers where relevant
- refrain from using Ozeaon-associated data or community knowledge in ways inconsistent with this Charter
- notify the Foundation of material incidents, misuse, or compliance failures

The Foundation may require contractual commitments, audit rights, or suspension clauses for higher-risk relationships.

## 12. Reporting, Audit, and Incident Response

### Transparency Reporting

The Foundation shall periodically publish or otherwise make available information on significant AI use within the ecosystem, including categories of use, governance measures, and material updates, subject to confidentiality and security constraints.

### Audit and Review

Significant systems shall be subject to periodic review and, where appropriate, internal or external audit.

### Incident Response

The Foundation shall maintain procedures for reporting, escalating, investigating, and remedying AI-related incidents, including:

- harmful outputs
- data breaches or misuse
- governance manipulation
- discriminatory effects
- false verification claims
- material scientific misrepresentation

**Corrective Action**

Where non-compliance or material harm is identified, the Foundation may require:

- correction or retraction of outputs
- temporary suspension of a system
- retraining, redesign, or documentation improvement
- partner remediation measures
- user notification where warranted
- permanent withdrawal of a system or partner access in serious cases

## 13. Enforcement

Material breach of this Charter may result in:

- suspension of deployment approval
- withdrawal of access to Ozeaon or Foundation systems or data
- removal from partnership or ecosystem participation
- governance sanctions consistent with Foundation rules
- reporting to relevant oversight bodies where legally required

Enforcement shall be proportionate, documented, and consistent with due process.

## 14. Review and Amendment

This Charter shall be reviewed periodically and may be amended to reflect:

- operational experience
- scientific and technical developments
- governance evolution within Ozeaon
- changes in applicable law or recognized best practice
- lessons arising from incidents, audits, or community consultation

Material amendments should be documented transparently and approved through the Foundation's governance processes.

## 15. Final Provision

This Charter forms part of the governance framework of the Ozeaon Foundation. It affirms that artificial intelligence within Ozeaon shall remain mission-bound, accountable, scientifically responsible, community-aligned, and regenerative in orientation. AI is to support human capability, shared knowledge, ecological stewardship, and democratic governance. It is not to replace them.

## 16. Contact

For questions about this Charter or Ozeaon's AI governance practices: **legal@ozeaon.com**

Inspiring regenerative innovation for a sustainable future
through Open Science, Crowdfunding, and Transparency.