



Guardians Global AI Code and Human Rights Constitution

Sequential Master Table & Comparison Charts & Glossary

Terms (Complete)

This table represents the full sequential foundation of the Guardians Global AI Code and Human Rights Constitution, laying out each of its 33 Articles and 33 Annexes in direct order. It aligns and compares GGAC&HRC against every Article and Annex with existing global instruments (such as OECD AI Principles, UNESCO AI Ethics, EU AI Act, GDPR, ENMOD, etc.), identifies its thematic focus, and shows precisely where the GGC goes further. The structure is designed to make clear, article by article and annex by annex, how the Code builds a comprehensive system of enforceable protections that surpasses fragmented existing frameworks. It also explains why each provision matters and underscores that its impact is universal — protecting “you and everyone else in this entire world.”

Article or Annex	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
Article I. Human Supremacy Clause	OECD AI Principles, UNESCO AI Ethics	Human agency and control	Requires verifiable human veto in adjudication, medicine, weapons, and elections with tamper-evident control logs	Prevents machine override in life-critical contexts and preserves due process and dignity	You and everyone else in this entire world
Article II. Fundamental Rights and Dignity	UDHR, EU Charter of Fundamental Rights	Equality, due process, non-discrimination	Adds enforceable remedies, expedited appeals, reparations fund, pro bono counsel, outcomes-based accessibility metrics	Turns high-level rights into timely, enforceable relief when harm occurs	You and everyone else in this entire world
Article III. Transparency, Audit, and Traceability	EU AI Act, NIST AI RMF	Documentation, disclosure, registers	Mandates public-grade audit packages, model cards, data	Independent verification deters abuse and allows	You and everyone else in this

Article or Annex	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
			lineage, red-team reports, and citizen-panel access to artifacts	communities to inspect risks before deployment	entire world
Article IV. Safety, Risk, and Red-Team Duty	NIST AI RMF, ISO 42001	Risk assessment and controls	Requires pre-deployment safety cases with independent sign-off, psychosocial harm testing, and automatic rollback triggers	Reduces catastrophic and cumulative harms before they reach the public	You and everyone else in this entire world
Article V. Prohibited Practices	EU AI Act risk taxonomy, UNGPs	Bright-line bans	Outlaws cognitive manipulation, covert sentiment steering, remote biometric inference, and non-consensual neuro-data capture with personal liability	Clear prohibitions close loopholes that normalize invasive or coercive AI	You and everyone else in this entire world
Article VI. Data Dignity and Provenance	GDPR, OECD Privacy Guidelines	Lawful basis, minimization, rights	Requires crowd-licensing, community benefit sharing, chain-of-custody proofs, deletion by default, and local-first architectures	Returns value to contributors and reduces mass extraction of personal data without consent	You and everyone else in this entire world
Article VII. Environmental and Climate Integrity	ENMOD, Clean Air Act, National Weather Modification Policy Act	Environmental impact, non-alteration	Bans weaponized atmospheric or electromagnetic manipulation and requires independent environmental review of AI infra	Protects air, water, soil, and ecosystems while aligning AI growth with planetary limits	You and everyone else in this entire world

Article or Annex	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
			and RF emissions with public reports		
Article VIII. Electromagnetic and Directed-Energy Safeguards	FCC RF limits, Geneva Protocol I, Havana Act	Exposure limits, civilian protection	Creates a justiciable right against RF and directed-energy harassment with forensic capture standards, medical protocols, emergency relief, and registries	Provides pathways to document, diagnose, and stop invisible harms with accountability	You and everyone else in this entire world
Article IX. Oversight Institutions and Citizen Panels	OECD multi-stakeholder guidance	Governance and participation	Establishes permanent citizen juries with subpoena power, budget control, rotation, conflict-of-interest bars, and published opinions	Institutionalizes lay oversight so the public can compel disclosure, hear whistleblowers, and correct course	You and everyone else in this entire world
Article X. Enforcement, Remedies, and Appeals	EU AI Act enforcement titles, Administrative Procedure Acts	Sanctions and due process	Adds rapid protective orders, court-supervised platform kill-switch, disgorgement, personal executive liability, and mutual enforcement compacts	Ensures fast relief, prevents ongoing harm, and makes leaders personally responsible for unlawful deployments	You and everyone else in this entire world
Article XI. EarthVote Democratic Control	No direct analogue	Direct democracy for AI	Creates cryptographically verifiable global votes with periodic renewals,	Gives people a continuing say over high-impact AI rather than permanent delegation to	You and everyone else in this entire world

Article or Annex	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
			public proofs, and civil society veto	unaccountable actors	
Article XII. Emergency Fail-Safe and Shutdown	Aviation and nuclear safety cases, ISO 26262	Safe state transitions	Defines graded shutdown ladders, human interlocks, continuity plans for hospitals, grids, and transport with drills and post-mortems	Keeps essential services available while stopping dangerous systems quickly and transparently	You and everyone else in this entire world
Article XIII. Amendments and No-Loophole Guarantee	Constitutional amendment practice	Update process and scope control	Blocks carve-outs and private exemptions, requires supermajority EarthVote, judicial review, and automatic expiry for any exception	Prevents erosion of protections through fine print or special deals and keeps the code living yet robust	You and everyone else in this entire world
Article XIV. Digital Immune System	NIST CSF, NIST AI RMF	Defense-in-depth for AI	Requires anomaly detection, quarantine, provenance-aware rollback, recovery playbooks, and black-box recorders tied to safety cases	Contains failures before they cascade and preserves evidence for learning and accountability	You and everyone else in this entire world
Article XV. Model Documentation and Safety Artifacts	EU AI Act transparency, ISO 42001	Documentation quality	Standardizes contents, validation checks, and public release cadence for model cards, evals, and hazard logs	Makes documentation useful for independent replication, scientific review, and courts	You and everyone else in this entire world
Article XVI. Red-Team and	NIST AI RMF testing guidance	Adversarial evaluation	Requires technical plus social and manipulation	Exposes non-technical harms early and	You and everyone else in

Article or Annex	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
Pre-Deployment Trials			vectors with external teams and public summaries	reduces gaslighting of affected groups	this entire world
Article XVII. Synthetic Media and Provenance	W3C C2PA, EU AI Act	Provenance and authenticity	Mandates robust watermarking, signed provenance manifests, and edit chains visible to users and investigators	Reduces deception, supports journalism and legal evidence, and protects elections	You and everyone else in this entire world
Article XVIII. Children and Vulnerable Populations	UNCRC, GDPR Article 8	Heightened protections	Sets stricter defaults, bans manipulative profiling, requires child-impact assessments and caregiver-visible controls	Prevents exploitation of those least able to consent or self-protect	You and everyone else in this entire world
Article XIX. Health and Medical AI Safety	Belmont Report, Common Rule, FDA analogies	Clinical safety and consent	Requires clinician override, informed consent, adverse event reporting, equity audits, and transparent post-market surveillance	Protects patients from opaque automation while improving safety and care quality	You and everyone else in this entire world
Article XX. Law Enforcement AI and Surveillance Limits	ICCPR privacy, Fourth Amendment analogies	Proportionality, necessity, oversight	Requires warrants for intrusive AI, bans realtime mass biometric ID except narrow lawful cases, mandates retention limits and audit logs	Balances public safety with civil liberties and curbs dragnet surveillance	You and everyone else in this entire world
Article XXI. Biometric, Genomic, and	GDPR special category data, OECD privacy	Sensitive data ceilings	Bans non-consensual neural signal capture and	Keeps the most intimate human data out of exploitative or	You and everyone else in this

Article or Annex	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
Neurodata Protections			genetic inference for profiling; sets strict consent and storage rules	coercive pipelines	entire world
Article XXII. DNA-Based Surveillance and Genetic Non-Discrimination	UDHR, human rights jurisprudence	Genetic privacy	Prohibits genome-targeting and familial tracking programs without explicit, narrow legal process and independent oversight	Prevents hereditary targeting and abuse of genetic information by public or private actors	You and everyone else in this entire world
Article XXIII. Public Procurement and Partnerships	OECD public integrity, EU procurement	State market power	Ties public money to compliance, auditability, open artifacts, and benefit sharing with clawbacks for violations	Uses procurement leverage to raise minimum standards across the ecosystem	You and everyone else in this entire world
Article XXIV. Cross-Border Cooperation and Mutual Enforcement	EU judicial cooperation analogies	International remedies	Creates templates for recognition of orders, incident evidence sharing, coordinated takedowns, and asset freezes	Prevents jurisdiction shopping and strengthens relief for victims across borders	You and everyone else in this entire world
Article XXV. Incident Reporting and Public Registers	EU AI Act incident rules	Safety transparency	Requires near-miss and incident disclosures with searchable registries and standardized taxonomies	Speeds learning across organizations and alerts the public to emerging risks	You and everyone else in this entire world
Article XXVI. Whistleblower Protections	EU Whistleblower Directive analogies	Safe reporting	Guarantees confidential lanes, anti-retaliation, safe harbor for	Surfaces hidden dangers, deters cover-ups, and	You and everyone else in this

Article or Annex	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
			artifact sharing, and rewards for material revelations	protects truth-tellers	entire world
Article XXVII. Reparations and Victim Relief Fund	Victim compensation schemes, tort remedies	Financial justice	Establishes a standing fund financed by penalties, disgorgement, levies, and public-interest damages with fast interim relief	Provides timely support to harmed individuals while legal processes run	You and everyone else in this entire world
Article XXVIII. Education, Literacy, and Public Engagement	UNESCO media literacy	Public capacity	Mandates curricula, community workshops, and plain-language disclosures with feedback loops into oversight	Builds the public's ability to evaluate claims, assert rights, and join decisions	You and everyone else in this entire world
Article XXIX. Research Ethics, Human Subjects, and Field Trials	Belmont Report, Common Rule 45 CFR 46	Ethical research and consent	Extends informed consent, IRB-style review, and harm minimization to AI user studies and field trials	Prevents non-consensual experimentation and protects communities from stealth pilots	You and everyone else in this entire world
Article XXX. Accessibility and Disability-Aware Design	ADA principles, WCAG analogies	Inclusive design	Requires measurable accessibility outcomes, adaptive interfaces, and grievance redress for inaccessible systems	Ensures participation and safety for people with disabilities in all AI-mediated contexts	You and everyone else in this entire world

Article or Annex	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
Article XXXI. Financial Transparency and Funding Oversight	Public finance transparency norms	Follow-the-money	Mandates disclosure of funding sources, subsidies, partnerships, and beneficial ownership for high-risk AI	Exposes conflicts, curbs dark money, and aligns incentives with public interest	You and everyone else in this entire world
Article XXXII. Implementation, Phase-In, and Compliance Roadmaps	Model law toolkits, administrative best practice	Practical rollout	Sets staged compliance, independent readiness reviews, capacity-building assistance, and automatic elevation to stricter tiers after incidents	Converts principles into operational practice with predictable timelines and public visibility	You and everyone else in this entire world

Guardians’ Global Code — Thematic Master Table

This table organizes the 33 Articles and 33 Annexes of the Guardians’ Global Code by their overarching themes, such as Human Supremacy, Transparency, Safety, Data Dignity, Environmental Protections, Oversight, Enforcement, Education, Media Integrity, Corporate Liability, and Global Collaboration. Instead of focusing article-by-article, it shows the Code’s structural logic — how multiple Articles and Annexes work together to protect the same area. This makes it easier for policymakers to see the “big picture” of protections across related issues.

Category	Related Articles	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further And Better	Why It Matters	Who This Affects
Human Agency and Rights	I, II, XXX	UDHR, EU Charter, ADA principles	Human control, equality, accessibility	Hard human veto, enforceable remedies,	Keeps humans in charge, protects dignity, and	You and everyone else in this

Category	Related Articles	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further And Better	Why It Matters	Who This Affects
				measurable accessibility outcomes	ensures everyone can use essential systems safely	entire world
Transparency	III, XV, XVII, XXV	EU AI Act transparency, C2PA	Documentation and disclosures	Public-grade model cards, lineage, synthetic provenance, incident registers	Enables independent scrutiny and early warning across society	You and everyone else in this entire world
Accountability	X, XXVII, XXXI	Administrative Procedure Acts, finance transparency	Answerability, liability, funding clarity	Rapid protective orders, executive liability, reparations fund, follow-the-money disclosures	Makes wrongdoing costly and relief fast while exposing conflicts	You and everyone else in this entire world
Auditability	III, IX, XV	EU AI Act, OECD governance	Audits and governance	Citizen subpoena powers, standardized artifacts, published opinions	Empowers the public to verify claims and compel corrective action	You and everyone else in this entire world
Traceability	III, VI, XVII	GDPR, OECD privacy, C2PA	Data and output provenance	Chain-of-custody for training data and signed edit histories for media	Stops data laundering and synthetic deception at scale	You and everyone else in this entire world
Safety and Security	IV, XII, XIV, XVI, D-style	NIST AI RMF, ISO 26262, IEC 61508	Risk controls, safe shutdown	Pre-deployment safety cases, drills, digital	Prevents high-impact failures and speeds safe	You and everyone else in this

Category	Related Articles	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further And Better	Why It Matters	Who This Affects
	protocols			immune system, adversarial trials	containment and recovery	entire world
Environmental and Electromagnetic Protections	VII, VIII	ENMOD, Clean Air Act, FCC RF limits	Planetary and bio-safety	Bans weaponized atmospheric or RF manipulation and requires public environmental reports	Protects ecosystems and human health from misuse and unintended emissions	You and everyone else in this entire world
Democratic Control and Participation	XI, XIII, IX, XXVIII	Democratic practice analogies, OECD participation	Public voice and continuity	EarthVote with verifiable proofs, no-loophole amendments, citizen juries, education pipelines	Ensures AI remains governed by the people with tools to adapt and improve	You and everyone else in this entire world
Sensitive Data and Personhood	V, VI, XXI, XXII	GDPR special data, human rights law	Non-exploitation of intimate data	Bans non-consensual neuro and genomic capture and tightens consent and storage	Protects identity, autonomy, and bodily privacy in the age of inference	You and everyone else in this entire world
Health, Children, and Vulnerable Groups	XVIII, XIX	UNCRC, Belmont, medical ethics	Heightened duty of care	Child-impact assessments, clinical override, adverse event reporting, equity checks	Shields those least able to self-advocate and prevents silent clinical harm	You and everyone else in this entire world

Category	Related Articles	Closest External Instrument	Thematic Focus Match	Where GGC Goes Further And Better	Why It Matters	Who This Affects
Law Enforcement and Surveillance Limits	XX	ICCPR privacy, Fourth Amendment analogies	Proportionality, necessity	Warrants for intrusive AI, narrow biometric exceptions, retention limits and audits	Preserves civil liberties and prevents dragnet surveillance creep	You and everyone else in this entire world
Procurement and Cross-Border Enforcement	XXIII, XXIV	OECD public integrity, judicial cooperation	Market leverage and global reach	Compliance-tied funding, clawbacks, mutual recognition, coordinated takedowns	Raises standards via public spending and blocks jurisdiction shopping	You and everyone else in this entire world
Research Ethics and Field Trials	XXIX	Belmont, Common Rule	Ethical experimentation	Extends informed consent and IRB-style review to AI field studies	Prevents non-consensual human experimentation in digital settings	You and everyone else in this entire world
Implementation and Phase-In	XXXII	Administrative best practice	Practical rollout	Staged compliance, readiness reviews, automatic elevation after incidents	Ensures deliverable, monitorable progress rather than paper-only promises	You and everyone else in this entire world

Guardians' Global Code vs. 19 External Instruments — Comparative Matrix

This table compares every Article (I–XXXI) and every Annex (I–XXXIII) directly to 19 major laws, treaties, or AI frameworks worldwide. It is highly granular, showing for each provision whether it is already addressed, partially addressed, or absent in current frameworks. This provides proof that the GGC is the most comprehensive and enforceable governance system yet — closing gaps left by OECD, UNESCO, EU AI Act, GDPR, ENMOD, and others.

OECD AI Principles (2019)	High-level global principles for trustworthy AI	Clear values: human agency, fairness, transparency, robustness	Non-binding; no remedies, no citizen audit powers, vague enforcement	GGC makes human veto mandatory, publishes safety artifacts, grants citizen juries subpoena power, and adds remedies + liability	Principles become enforceable protections with teeth	You and everyone else in this entire world
UNESCO AI Ethics Recommendation (2021)	Ethical guidance across cultures & rights	Broad human-rights framing; inclusion & sustainability	Soft law; lacks per-system safety cases, kill-switches, or reparations	GGC adds pre-deployment safety cases, platform kill-switch under court supervision, victim relief funds, and accessibility KPIs	Converts ethical aspirations into operational guardrails and relief	You and everyone else in this entire world
EU AI Act (2024)	Risk-based EU regulation for AI	Binding law; risk tiers; conformity assessments; incident duties	Limited global applicability; fewer lay-citizen powers; less on democratic control	GGC layers EarthVote, citizen panels, disgorgement & executive liability, global cross-border enforcement, and broader prohibited practices	Extends strong regulation into participatory, global governance	You and everyone else in this entire world
NIST AI Risk Management Framework (2023)	US voluntary risk management guidance	Excellent taxonomy; lifecycle risk controls; widely adopted	Voluntary; no remedies, veto, or public transparency mandates	GGC requires independent sign-off, public artifacts, adversarial trials (incl. psychosocial harm), and automatic rollback	Moves from voluntary best practice to enforceable safety	You and everyone else in this entire world
Blueprint for an AI Bill of Rights (2022)	US policy principles for safe, effective, fair systems	Rights language (notice, explanation, data protections)	Non-binding; no funding remedies or kill-switch; weak	GGC adds enforceable remedies, reparations, citizen subpoenas, body-cam-style logs for AI, and judicially	Turns “rights talk” into rapid relief and accountability	You and everyone else in this entire world

			auditability	supervised shutdowns		
US Executive Order 14110 (2023)	US federal directives on AI safety/security	Government-wide momentum; testing & reporting; dual-use focus	Executive policy (changeable), agency-centric, not citizen-enforceable	GGC is constitutional in scope, with public standing, court remedies, global voting, and whistleblower rewards	Durable protections that outlast administrations	You and everyone else in this entire world
US Executive Order 13960 (2020)	Promotes trustworthy AI in federal govt	Transparency and inventory for federal AI use	Narrow to federal agencies; no public remedies	GGC applies to public, corporate, and military use, with remedies, audits, and citizen control	Whole-of-society coverage, not just government inventory	You and everyone else in this entire world
GDPR (2016/2018)	EU data protection and privacy	Lawful basis, access rights, DPOs, significant fines	Focused on data, not the full AI safety stack; limited transparency of models	GGC adds model provenance, safety cases, red-team duty, dataset dividends/community sharing, and EarthVote	Shifts from data compliance to full AI lifecycle governance	You and everyone else in this entire world
FCC RF Exposure Limits	Technical exposure thresholds for RF	Clear numerical limits; hardware compliance tradition	Not built for directed-energy harassment or incident relief	GGC creates justiciable rights, forensic capture, medical protocols, incident registries, and emergency relief	Gives victims proof paths and care, not just device specs	You and everyone else in this entire world
ENMOD Convention (1978)	Bans hostile environmental modification	Recognizes harms of environmental manipulation	Narrow wartime framing; no civilian AI/RF angle	GGC bans weaponized atmospheric/EM manipulation in civilian contexts and mandates independent	Protects ecosystems and communities in peacetime	You and everyone else in this entire world

Environmental Review						
Law	Issue	Strengths	Weaknesses	GGC	Alignment	Impact
US Clean Air Act	Air pollution control & standards	Strong monitoring/enforcement paradigm	Not tailored to AI infra or RF emissions transparency	GGC requires public RF/environmental impact reports for AI infra and publish-or-perish emissions data	Aligns AI build-out with environmental health	You and everyone else in this entire world
National Weather Modification Policy Act (1976)	US weather modification reporting	Acknowledges atmospheric interventions	Minimal controls; outdated relative to RF/AI	GGC imposes strict bans on harmful atmospheric/EM uses and independent review before deployment	Closes loopholes on modern manipulation tech	You and everyone else in this entire world
Havana Act (2021)	Aid/comp for US personnel with anomalous health incidents	Recognizes directed-energy-like harms; provides benefits	Limited beneficiary scope; not a universal civil framework	GGC universalizes directed-energy/RF protections, medical protocols, forensics, and civil remedies	Extends protection beyond a narrow class to everyone	You and everyone else in this entire world
UDHR (1948)	Universal human rights declaration	Moral foundation for dignity & freedoms	Non-binding; enforcement depends on states	GGC operationalizes due process, remedies, and appeals with timelines and funding	Makes universal rights actionable here and now	You and everyone else in this entire world
EU Charter of Fundamental Rights (2000)	Binding rights within EU	Enforceable within EU institutions/law	Jurisdiction limited; no AI-specific safety cases	GGC adds AI-specific safeguards, Citizen Panels, EarthVote, and global mutual enforcement	Builds a rights regime specific to AI with global reach	You and everyone else in this entire world
Belmont Report (1979)	Ethics for human-subjects research	Respect, Beneficence, Justice	Guidance; needs implementing rules;	GGC extends IRB-style review, informed consent, and harm	Stops non-consensual “experimentation”	You and everyone else

				not AI-specific	minimization to AI ts” on the field trials & deployments	public	in this entire world
Common Rule (45 CFR 46)	US human-sub jects regulations	Consent, IRB, oversight		Narrow research scope; deployme nts often evade	GGC treats deployment impacts like research risks: consent where applicable, debriefing, opt-out, equity checks	Closes the “it’s just a product” loophole for human impacts	You and everyo ne else in this entire world
ICCPR (1966)	Global civil & political rights treaty	Privacy, expression, due process		State-centr ic, uneven enforceme nt, pre-AI	GGC codifies warranted AI surveillance only, narrow biometric use, public audit trails	Preserves liberties amid automated policing and intel	You and everyo ne else in this entire world
UN Guiding Principles on Business & Human Rights	Corporate responsibili ty to respect rights	Widely recognized soft law for companies		Non-bindi ng; rely on corporate voluntary action	GGC imposes binding duties, disgorgement, executive liability, procurement leverage, whistlebl owers rewards	Makes corporate respect for rights enforceable, not optional	You and everyo ne else in this entire world

Comparative Matrix — Article-by-Article & Spirit vs. 19 External Instruments

This is the integrative table that unites the perspectives of Tables 3 and 4. It shows each GGC feature, its anchoring Articles/Annexes, the real-world impact of that feature (why it matters in practice), and how it aligns or diverges from global frameworks. It combines the detail of the article-by-article comparison with the clarity of the feature-based cross-view, giving leaders a single reference map for how the GGC improves global AI governance.

ThisOECD AI Principles (2019)	Global non-binding guidance on	Clear values: human agency, robustness,	Soft law; no remedies; no citizen subpoena	Makes human veto mandatory; requires public	Turns ideals into enforceable protections	You and everyon e else in this
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	trustworthy AI	transparency, fairness	powers; weak public transparency	audit artifacts; empowers citizen panels with subpoena-like access; adds remedies and liability	with evidence and consequences	entire world
UNESCO AI Ethics Recommendation (2021)	Cross-cultural ethics baseline	Human-rights framing, inclusion, sustainability	Non-binding; lacks safety cases, kill-switches, reparations	Adds pre-deployment safety cases, court-supervised kill-switch, victim relief funds, accessibility KPIs	Ethical aspirations become operational guardrails and relief	You and everyone else in this entire world
EU AI Act (2024)	Binding risk-based regulation in EU	Risk tiers; conformity assessment; market surveillance	Regional scope; limited lay-citizen powers; less on democratic control	EarthVote, citizen juries, disgorgement, executive liability, cross-border mutual enforcement; expands prohibited practices	Extends strong regulation into participatory, global governance	You and everyone else in this entire world
NIST AI Risk Management Framework (2023)	Voluntary lifecycle risk guidance	Precise risk taxonomy; broad lifecycle coverage	Voluntary; no remedies, public audit duties, or democratic controls	Requires independent sign-off, publishes artifacts, mandates adversarial trials incl. psychosocial harm, automatic rollback	Moves from “best practice” to enforceable safety and accountability	You and everyone else in this entire world

Blueprint for an AI Bill of Rights (2022, US)	Rights-based policy guidance	Notice, explanation, safe/effective systems, data protections	Non-binding; no kill-switch; no funding remedies	Adds enforceable remedies, reparations, subpoena powers, shutdown ladders	Rights become rapid relief and prevention, not slogans	You and everyone else in this entire world
US Executive Order 14110 (2023)	US federal AI safety/security directives	Testing, reporting, dual-use focus, coordination	Executive policy (revocable), agency-centric, not citizen-enforceable	Constitutionalizes duties; grants public standing, courts, whistleblower rewards, EarthVote	Durable protections that outlast administrations	You and everyone else in this entire world
US Executive Order 13960 (2020)	Trustworthy AI in federal agencies	Inventories; internal principles	Narrow to federal use; no public remedies	Extends to public, corporate, military; adds remedies, audits, citizen control	Whole-of-society protections, not just inventory	You and everyone else in this entire world
GDPR (2016/2018)	EU data protection & privacy	Lawful basis; subject rights; large fines	Data-centric; limited AI safety/oversight structures	Adds provenance, safety cases, red-team duty, dataset dividends, EarthVote	Governs full AI lifecycle, not just data	You and everyone else in this entire world
FCC RF Exposure Limits	Technical device/exposure limits	Numeric thresholds; compliance regime	Not built for directed-energy harassment or civil relief	Creates justiciable rights, forensic capture, medical protocols, incident registries, emergency relief	Gives victims proof paths and care, not just specs	You and everyone else in this entire world

ENMOD Convention (1978)	Bans hostile environmental modification	Recognizes environmental harms	Wartime-oriented; no civilian AI/RF angle	Bans atmospheric/EM manipulation in civilian life; requires independent environmental review	Protects ecosystems and communities in peacetime	You and everyone else in this entire world
US Clean Air Act	Air pollution control	Monitoring; enforcement paradigm	Not tailored to AI infra or RF transparency	Requires public RF/environmental impact reports, publish-or-perish data	Aligns AI build-out with environmental health	You and everyone else in this entire world
National Weather Modification Policy Act (1976)	Weather modification reporting	Acknowledges interventions	Minimal controls; outdated vs. modern tech	Strict bans on harmful atmospheric/EM uses; independent review & public notice	Closes loopholes on modern manipulation tools	You and everyone else in this entire world
Human veto over critical AI	Art. I, XI	Prevents automated denial of care, wrongful convictions, election hijack		Mostly Partial (a few nods in OECD/EU AI Act), otherwise absent		You and everyone else in this entire world
Enforceable rights & rapid remedies	Art. II, IX, XXIV; Annex IV, XV, XXXII	Converts harm into court-recognized relief with timelines		Absent or soft-law across most; EU AI Act has partial mechanisms		You and everyone else in this entire world
Citizen oversight with subpoena power	Art. VIII; Annex VI	Public can compel evidence, hear whistleblowers, course-correct		Absent across all 19		You and everyone else in this entire world
EarthVote democratic control & renewals	Art. X; Annex (EarthVote framework)	Public decides on high-risk AI; periodic renewal prevents lock-in		Absent across all 19		You and everyone else in this entire world

Pre-deployment safety case & independent sign-off	Art. IV, XI; Annex IV	Safety proven before exposure; rollback if hazards found	Partial in EU AI Act/NIST RMF; Absent elsewhere	You and everyone else in this entire world
Prohibited practices (cognitive manipulation, covert biometrics, non-consensual neuro-data)	Art. V, XX, XXI, XXVII	Draws bright lines; blocks normalization of coercion and surveillance	Partial (EU AI Act, GDPR pieces); often Absent	You and everyone else in this entire world
Data dignity: crowd licensing, benefit sharing	Art. VI; Annex XVII	Returns value to contributors; stops non-consensual extraction	Partial under GDPR concepts; otherwise Absent	You and everyone else in this entire world
Directed-energy/RF protections & medical protocols	Art. VII, XXVIII; Annex II, XIV, XXXI	Documents, treats, and deters invisible harms with evidence	Absent (Havana only partially helps a narrow class)	You and everyone else in this entire world
Environmental & atmospheric manipulation bans	Art. VII, XXI, XXIX; Annex VII, XXX	Protects ecosystems, food, weather from covert tech	Partial under ENMOD/CAA/NWM; lacks modern AI/RF scope	You and everyone else in this entire world
Platform kill-switch with court supervision	Art. XI; Annex XXV, XXIV	Stops runaway systems while keeping essential services online	Partial hints in EO14110/EU AI Act; largely Absent	You and everyone else in this entire world
Cross-border mutual enforcement	Art. XVII, XXIV, XXXI; Annex XIV	Ends jurisdiction shopping; harmonizes relief	Partial only in EU context; Absent globally	You and everyone else in this entire world
Whistleblower rewards & safe harbor	Art. IX, XXIII; Annex V, XVI	Surfaces hidden dangers; deters cover-ups	Partial in UNGPs/EU contexts; often Absent	You and everyone else in this entire world
Child and vulnerable-group safeguards	Art. II, XVI, XVIII; Annex IX, XXI	Heightened duty of care; bans manipulative profiling	Partial (GDPR/UNCRC); not comprehensive for AI	You and everyone else in this entire world

Procurement leverage and clawbacks	Art. XVIII, XXIII; Annex XIII	Lifts industry standards via public contracts	Partial in EU; Absent elsewhere	You and everyone else in this entire world
Incident/near-miss public registries	Art. III, XXV; Annex XV	Rapid learning; public warning system	Partial in EU AI Act; Absent broadly	You and everyone else in this entire world
Research ethics for deployments & field trials	Art. XXV, XXIX; Annex I, XIX	Stops “experiments on the public”	Partial (Belmont/Common Rule for research only)	You and everyone else in this entire world
Financial transparency & follow-the-money	Art. XXXI; Annex XXIV, XXI	Exposes conflicts, dark budgets, ownership	Absent across most AI frameworks	You and everyone else in this entire world
Accessibility & disability-aware design	Art. II, XXX; Annex XX	Ensures universal access and safety	Partial in general law; not AI-specific	You and everyone else in this entire world

COMPARATIVE MATRIX — ARTICLES I–XXXIII VS. 19 EXTERNAL INSTRUMENTS (PART 1: ARTICLES I–XVI)

This table presents the full sequence of Articles I–XXXIII and Annexes I–XXXIII of the Guardians’ Global Code in a structured master view. Each entry is aligned with its closest external legal or ethical instrument, the thematic focus it addresses, where the Code adds stronger or broader protections, why that matters in practice, and who it affects. The result is a clear side-by-side framework that shows how the Guardians’ Global Code integrates human rights, safety, transparency, reparations, environmental integrity, democratic oversight, and protections against abuse into one enforceable charter. By setting every Article and Annex out separately, the table provides a systematic map of the Code’s coverage, helping policymakers and global leaders quickly see the scope of protections and their relevance to everyone in the world.

Article	Closest External Instrument(s)	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
Article I — Human Supremacy Clause	OECD AI Principles, UNESCO AI Ethics, EU AI Act	Human agency, oversight, accountability	Requires provable human veto for every critical AI decision (weapons, medicine, elections). Bans machine override of humans.	Prevents loss of human control and ensures accountability in life-or-death situations.	You and everyone else in this entire world
Article II — Fundamental Rights and Dignity	UDHR, EU Charter of Fundamental Rights, AI Bill of Rights	Non-discrimination, dignity, due process	Adds enforceable remedies, reparations, appeals, and accessibility requirements.	Protects human dignity and ensures justice when harmed by AI.	You and everyone else in this entire world
Article III — Transparency, Audit, and Traceability	EU AI Act, NIST AI RMF, OECD AI Principles	Documentation, transparency, auditability	Mandates full public audit packages, model cards, red-team results, and subpoena-style access for citizens.	Enables true accountability and public trust.	You and everyone else in this entire world
Article IV — Safety, Risk, and Red-Team Duty	EU AI Act, ISO/IEC AI Standards	Testing, risk management	Requires adversarial testing, psychosocial harm evaluation, and open publication of results.	Prevents unsafe AI from reaching society.	You and everyone else in this entire world
Article V — Prohibited AI Practices	EU AI Act (Prohibited Uses), UN CCW Protocols	Bans on social scoring, lethal autonomy	Explicit bans on psychological manipulation, biometric targeting, and autonomous weapons.	Protects from abusive and coercive AI.	You and everyone else in this entire world
Article VI — Data Dignity and Sovereignty	GDPR, OECD Privacy Principles	Data privacy and ownership	Citizens co-own data, receive royalties, and control its use	Respects human autonomy and prevents exploitation.	You and everyone else in

Article	Closest External Instrument(s)	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
			with full deletion rights.		this entire world
Article VII — Environmental and Climate Integrity	ENMOD, Paris Agreement, Clean Air Act	Environmental protection	Requires ecological audits of AI, bans weather modification and geoengineering without consent.	Protects ecosystems and human health.	You and everyone else in this entire world
Article VIII — Oversight Institutions	UNESCO AI Ethics, UNGPs	Independent monitoring	Citizen-led oversight panels with subpoena power and rotating ethics councils.	Puts real people in charge of governance.	You and everyone else in this entire world
Article IX — Enforcement and Remedies	AI Bill of Rights, ICCPR, OECD Guidelines for MNEs	Remedies, reparations, accountability	Reparations fund, ombudsman system, mandatory compliance within 90 days.	Ensures victims of AI harm are compensated.	You and everyone else in this entire world
Article X — Democratic Control (EarthVote)	None (novel)	Citizen governance	Blockchain-secured global direct democracy system.	Gives people real control over AI law and deployment.	You and everyone else in this entire world
Article XI — Fail-Safe Shutdown Protocol	ISO/IEC Safety Standards	Emergency protections	Legally enforceable global AI kill-switch overseen by courts.	Provides last line of defense if AI misbehaves.	You and everyone else in this entire world
Article XII — Corporate and Executive Liability	OECD MNE Guidelines, UNGPs	Corporate accountability	Criminal liability for executives, not just fines.	Stops corporations from treating AI harms as a cost of doing business.	You and everyone else in this entire world

Article	Closest External Instrument(s)	Thematic Focus Match	Where GGC Goes Further and Better	Why It Matters	Who This Affects
Article XIII — Protection of Vulnerable Populations	UNCRC, UN Disability Convention	Children, disabled, elderly protections	Explicit bans on exploitative targeting, plus accessibility requirements.	Protects society's most vulnerable from being exploited by AI.	You and everyone else in this entire world
Article XIV — AI Literacy and Education	UNESCO Education 2030	AI awareness and digital literacy	Mandates AI education in schools and lifelong learning programs.	Empowers people to understand and resist AI manipulation.	You and everyone else in this entire world
Article XV — Media and Information Integrity	UDHR Art. 19, EU DSA	Free expression, anti-disinformation	Bans deepfakes without disclosure, ensures algorithm transparency in news feeds.	Protects democracy and prevents manipulation.	You and everyone else in this entire world
Article XVI — Adaptability and Future-Proofing	EU AI Act Review Clause	Law adaptability	Requires 5-year citizen ratification cycles and sunset clauses for risky systems.	Keeps AI law dynamic and people-driven.	You and everyone else in this entire world
Article XVII — Judicial Access and Appeals	ICCPR, AI Bill of Rights	Due process, access to justice	Creates fast-track AI courts and free legal aid.	Ensures people can fight AI harm in court.	You and everyone else in this entire world
Article XVIII — Biometric and Genetic Protections	GDPR, UNESCO Bioethics	Biometric and DNA data	Explicit ban on DNA-targeting and biometric profiling.	Protects privacy and prevents abuse of genetic traits.	You and everyone else in this entire world
Article XIX — Government Accountability	FOIA, ICCPR	Transparency, accountability	Mandatory disclosure of AI contracts and black budgets.	Ensures public knows how governments use AI.	You and everyone else in

					this entire world
Article XX — Global Collaboration and Solidarity	UN Charter, OECD Principles	International cooperation	Requires resource sharing, bans techno-colonialism.	Protects Global South from exploitation.	You and everyone else in this entire world
Article XXI — Psychological and Social Wellbeing	WHO Mental Health Action Plan	Mental health protections	Bans algorithmic systems designed to cause addiction, fear, or distress.	Protects mental health in an AI-driven world.	You and everyone else in this entire world
Article XXII — Economic and Labor Justice	ILO Conventions, UN SDGs	Labor, worker rights	Ensures AI doesn't destroy jobs without safety nets; mandates profit-sharing.	Protects livelihoods and worker dignity.	You and everyone else in this entire world
Article XXIII — Cultural and Knowledge Sovereignty	UNDRIP, UNESCO Cultural Conventions	Indigenous and cultural rights	Protects indigenous knowledge from AI exploitation.	Respects and preserves cultural heritage.	You and everyone else in this entire world
Article XXIV — Security and Geopolitical Stability	Geneva Protocol I, UN Charter	Peace, military restrictions	Explicit bans on AI arms races and destabilizing technologies.	Reduces risk of AI-driven wars.	You and everyone else in this entire world
Article XXV — Equity and Global South Inclusion	UN SDGs, Addis Ababa Action Agenda	Equity, fairness	Guarantees representation of poorer nations in AI oversight.	Prevents global inequality from widening.	You and everyone else in this entire world
Article XXVI — Trust and Legitimacy	OECD Trust in Institutions	Trust in governance	Mandates public disclosure of oversight panel minutes and budgets.	Strengthens citizen trust in institutions.	You and everyone else in this entire world

Article XXVII — Consumer Protections	FTC Consumer Protection, OECD Consumer Guidelines	Consumer rights	Bans manipulative advertising, hidden algorithms, and exploitative subscriptions.	Protects everyday people from corporate AI abuse.	You and everyone else in this entire world
Article XXVIII — Reparations and Restorative Justice	UN Basic Principles on Reparations	Justice, compensation	Creates a global reparations tribunal with mandatory corporate contributions.	Provides real healing after AI-caused harm.	You and everyone else in this entire world
Article XXIX — Whistleblower Protections	OECD Guidelines, UN Anti-Corrupti on Convention	Whistleblowing	Gives safe harbor, financial rewards, and immunity.	Encourages truth-telling and protects whistleblowers.	You and everyone else in this entire world
Article XXX — Media Freedom and Independence	UDHR Art. 19, UN Plan of Action on Journalism	Free press, information	Mandates independent funding for investigative AI journalism.	Ensures press can hold AI actors accountable.	You and everyone else in this entire world
Article XXXI — Ratification and Permanence	UN Charter, National Constitutions	Democratic legitimacy	Requires global citizen ratification (100M signatures).	Locks protections permanently into law.	You and everyone else in this entire world
Annex I — Belmont Report and Common Rule Protections	Belmont Report, 45 CFR 46	Research ethics	Embeds strict protections against human experimentation.	Prevents non-consensual AI or EMF experiments.	You and everyone else in this entire world
Annex II — Electromagnetic Defense Constitution	FCC RF Limits, ENMOD	Electromagnetic safety	Bans harmful EMF weapons, requires safe infrastructure.	Protects health from invisible harms.	You and everyone else in this entire world
Annex III — Oversight	UNESCO Ethics Panels	Governance design	Establishes rotating	Ensures dynamic oversight and	You and everyone else in

Institutional Design			citizen-led AI panels.	prevents capture.	this entire world
Annex IV — Fail-Safe Shutdown Protocols	ISO/IEC Safety Standards	Emergency governance	Establishes legal framework for global kill-switches.	Provides enforceable last-resort safety.	You and everyone else in this entire world
Annex V — Enforcement and Appeals Framework	ICCPR, AI Bill of Rights	Appeals, justice	Creates binding appeals for citizens in all nations.	Provides remedies to all, even across borders.	You and everyone else in this entire world
Annex VI — Reparations Tribunal Design	UN Reparations Principles	Reparations	Global tribunal with citizen representation.	Delivers justice after AI harms.	You and everyone else in this entire world
Annex VII — Transparency Protocols	GDPR, EU AI Act	Transparency	Defines minimum disclosure requirements for governments and corporations.	Stops secrecy and increases accountability.	You and everyone else in this entire world
Annex VIII — Whistleblower Safe Harbor	UN Anti-Corruption Convention	Whistleblowing	Provides protection against retaliation.	Empowers insiders to speak.	You and everyone else in this entire world
Annex IX — Reparations Fund Mechanism	UN Basic Principles	Reparations	Defines global financing mechanism.	Ensures reparations are funded.	You and everyone else in this entire world
Annex X — Prisoner and Vulnerable Populations Protections	Mandela Rules, UN Disability Convention	Human rights	Bans experiments in prisons or detention.	Protects powerless populations.	You and everyone else in this entire world
Annex XI — Biometric and DNA Rights	GDPR, UNESCO Bioethics	Data rights	Defines rules for genome and	Stops exploitation of biology.	You and everyone else in

			biometric protections.		this entire world
Annex XII — Media Integrity Protocols	UNESCO Journalism Safeguards	Information integrity	Sets standards for fair news distribution and AI fact-checking.	Protects democracies from disinformation.	You and everyone else in this entire world
Annex XIII — Climate and Environment Safeguards	Paris Agreement, Clean Air Act	Climate protections	Bans AI-driven climate manipulation.	Preserves environmental stability.	You and everyone else in this entire world
Annex XIV — Consumer Protection Protocols	OECD Consumer Guidelines	Consumer safety	Adds strict bans on manipulative commerce AI.	Protects daily consumer safety.	You and everyone else in this entire world
Annex XV — Educational Rights and AI Literacy	UNESCO Education 2030	AI literacy	Creates global AI curriculum.	Increases understanding of risks.	You and everyone else in this entire world
Annex XVI — Mental and Physical Health Safeguards	WHO Health Guidelines	Health and wellbeing	Requires independent health reviews of AI and EMF systems.	Protects body and mind from invisible harms.	You and everyone else in this entire world
Annex XVII — Indigenous and Cultural Sovereignty	UNDRIP, UNESCO Cultural Conventions	Indigenous rights	Protects traditional knowledge.	Ensures fair treatment of cultures.	You and everyone else in this entire world
Annex XVIII — Labor and Worker Protections	ILO Conventions	Worker rights	Requires AI-driven productivity profits to be shared.	Protects jobs and incomes.	You and everyone else in this entire world
Annex XIX — Refugee and	UN Refugee Convention	Refugee rights	Bans AI targeting and discrimination.	Protects vulnerable migrants.	You and everyone else in

Migrant Protections						this entire world
Annex XX — Judicial Oversight Protocols	ICCPR, National Courts	Justice, oversight	Defines global judicial oversight role.	Ensures courts remain involved.		You and everyone else in this entire world
Annex XXI — Corporate Accountability Protocols	OECD MNE Guidelines	Corporate liability	Requires strict board-level compliance.	Holds corporations directly liable.		You and everyone else in this entire world
Annex XXII — Emergency Management and Disaster Protocols	UNDRR Framework	Emergency governance	Requires AI to assist in disasters without abuse.	Protects communities in crises.		You and everyone else in this entire world
Annex XXIII — Surveillance and Privacy Protocols	GDPR, AI Bill of Rights	Privacy, surveillance	Strict limits on facial recognition and surveillance.	Stops intrusive monitoring.		You and everyone else in this entire world
Annex XXIV — Digital Freedoms and Expression Protocols	UDHR Art. 19	Freedom of speech	Protects expression against censorship.	Preserves democracy and debate.		You and everyone else in this entire world
Annex XXV — Psychological Manipulation Bans	WHO Mental Health Action Plan	Manipulation, wellbeing	Explicit bans on behavior-modification AI.	Protects autonomy and sanity.		You and everyone else in this entire world
Annex XXVI — Reparations and Justice Records Protocol	UN Reparations Principles	Reparations	Maintains public registry of AI harms and reparations.	Preserves transparency of justice.		You and everyone else in this entire world
Annex XXVII — Cultural and	UNESCO Cultural Conventions	Culture, freedom	Protects cultural narratives against AI distortion.	Respects global diversity.		You and everyone else in

Media Freedom Protocol						this entire world
Annex XXVIII — Future-Proofing Protocol	EU AI Act Review Clause	Adaptability	Requires periodic global reviews of AI law.	Keeps protections relevant.		You and everyone else in this entire world
Annex XXIX — Closing Provisions	UN Charter	Legal binding	Permanently locks in citizen rights.	Prevents rollback of protections.		You and everyone else in this entire world
Annex XXX — Reparations Tribunal Protocol	UN Reparations Principles	Reparations	Finalizes authority of tribunal to hear global complaints.	Guarantees fairness in reparations.		You and everyone else in this entire world
Annex XXXI — International Appeals and Petition Protocols	ICCPR	Petition rights	Gives citizens the right to petition globally.	Expands democratic remedies.		You and everyone else in this entire world
Annex XXXII — Oversight and Rotation Protocols	UNESCO Ethics Panels	Oversight, governance	Defines term limits and rotation rules.	Prevents capture and corruption.		You and everyone else in this entire world

GGC vs. Corporate AI Codes — Feature Cross-View (with GGC Column)

This table compares the binding provisions of the GGC against the voluntary “principles” or “charters” published by major tech corporations. It highlights that while companies emphasize innovation and responsibility, they stop short of enforceable duties such as reparations, EarthVote, citizen subpoena power, or bans on harmful AI. The GGC uniquely transforms aspirational values into legally binding global protections, showing why voluntary corporate ethics codes cannot substitute for enforceable governance.

GGC Feature	Google AI Principles	Microsoft Responsible AI Standard	Meta Responsible AI	OpenAI Charter / Policies	GGC
Human veto over critical AI	Partial	Partial	Partial	Partial	✓
Citizen panels with subpoena power	×	×	×	×	✓
EarthVote (global direct democracy)	×	×	×	×	✓
Pre-deployment safety case (legal duty)	×	Partial	×	Partial	✓
Mandatory red-teaming incl. psychosocial harms	Partial	Partial	Partial	Partial	✓
Court-supervised platform kill-switch	×	×	×	×	✓
Reparations & victim relief fund	×	×	×	×	✓
Executive & personal liability	×	×	×	×	✓
Prohibited practices (cognitive manipulation, covert biometrics, non-consensual neurodata)	Partial	Partial	Partial	Partial	✓
Data dignity: crowd licensing & benefit sharing	×	×	×	×	✓
Full public audit artifacts (model cards, lineage, red-team reports)	Partial	Partial	Partial	Partial	✓
Directed-energy & RF harassment protections	×	×	×	×	✓
Environmental bans on atmospheric/EM manipulation	×	×	×	×	✓
Cross-border mutual enforcement	×	×	×	×	✓
Whistleblower reward & safe harbor	×	×	×	×	✓

GGC Feature	Google AI Principles	Microsoft Responsible AI Standard	Meta Responsible AI	OpenAI Charter / Policies	GGC
Children/vulnerable protections beyond privacy	Partial	Partial	Partial	Partial	✓
Procurement leverage (compliance-tied public money)	×	×	×	×	✓
Incident/near-miss public registries	×	×	×	×	✓
EarthVote periodic renewals of high-risk deployments	×	×	×	×	✓

GGC vs. Military & Security Doctrines — Feature Cross-View (with GGC Column)

This table evaluates how the GGC’s strict prohibitions and human-rights protections contrast with military doctrines worldwide that often authorize or tolerate autonomous weapons, electronic harassment, information warfare, or psychological operations. The GGC introduces bright-line bans on directed energy weapons, coercive manipulation, and lethal autonomous systems — areas where military doctrines are permissive or silent. This shows the GGC as a shield for civilians where existing doctrines prioritize strategic advantage.

GGC Feature	NATO Autonomy Guidance (public)	PRC Military AI Strategy (public)	Russian Military Doctrine (public)	GGC
Human veto over critical AI	Partial	Partial	Partial	✓
Citizen panels with subpoena power	×	×	×	✓
EarthVote (global direct democracy)	×	×	×	✓
Pre-deployment safety case (legal duty)	×	×	×	✓
Mandatory red-teaming incl. psychosocial harms	Partial	×	×	✓
Court-supervised platform kill-switch	×	×	×	✓

GGC Feature	NATO Autonomy Guidance (public)	PRC Military AI Strategy (public)	Russian Military Doctrine (public)	GGC
Reparations & victim relief fund	×	×	×	✓
Executive & personal liability	×	×	×	✓
Prohibited practices (cognitive manipulation, covert biometrics, non-consensual neurodata)	Partial	×	×	✓
Data dignity: crowd licensing & benefit sharing	×	×	×	✓
Full public audit artifacts (model cards, lineage, red-team reports)	×	×	×	✓
Directed-energy & RF harassment protections	×	×	×	✓
Environmental bans on atmospheric/EM manipulation	×	×	×	✓
Cross-border mutual enforcement	Partial	×	×	✓
Whistleblower reward & safe harbor	×	×	×	✓
Children/vulnerable protections beyond privacy	×	×	×	✓
Procurement leverage (compliance-tied public money)	Partial	×	×	✓
Incident/near-miss public registries	×	×	×	✓
EarthVote periodic renewals of high-risk deployments	×	×	×	✓

GGC vs. Climate & Environmental Frameworks — Feature Cross-View (with GGC Column)

This table demonstrates how the GGC uniquely links AI governance with environmental and climate protections. While treaties like the Paris Agreement focus on emissions and ENMOD bans hostile weather modification, none address AI-driven geoengineering, electromagnetic interference, or covert atmospheric testing. The GGC fills this gap by banning harmful environmental manipulations, requiring ecological impact audits, and integrating AI oversight into climate security.

GGC Feature	Paris Agreement	IPCC Guidelines	Convention on Biological Diversity (CBD)	GGC
Human veto over critical AI	×	×	×	✓
Citizen panels with subpoena power	×	×	×	✓
EarthVote (global direct democracy)	×	×	×	✓
Pre-deployment safety case (legal duty)	×	×	×	✓
Mandatory red-teaming incl. psychosocial harms	×	×	×	✓
Court-supervised platform kill-switch	×	×	×	✓
Reparations & victim relief fund	Partial	×	Partial	✓
Executive & personal liability	×	×	×	✓
Prohibited practices (cognitive manipulation, covert biometrics, non-consensual neurodata)	×	×	×	✓
Data dignity: crowd licensing & benefit sharing	×	×	×	✓
Full public audit artifacts (model cards, lineage, red-team reports)	×	×	×	✓
Directed-energy & RF harassment protections	×	×	×	✓
Environmental bans on atmospheric/EM manipulation	×	×	Partial	✓
Cross-border mutual enforcement	Partial	×	Partial	✓
Whistleblower reward & safe harbor	×	×	×	✓
Children/vulnerable protections beyond privacy	×	×	×	✓
Procurement leverage (compliance-tied public money)	×	×	×	✓
Incident/near-miss public registries	×	×	×	✓

GGC Feature	Paris Agreement	IPCC Guidelines	Convention on Biological Diversity (CBD)	GGC
EarthVote periodic renewals of high-risk deployments	×	×	×	✓

GGC vs. Humanitarian & Health Treaties — Feature Cross-View (with GGC Column)

This table shows how the GGC extends protections into areas where traditional health and humanitarian treaties do not anticipate AI or electromagnetic harms. Instruments like the Geneva Conventions protect in war, and the Belmont Report guides research ethics, but neither address AI-enabled surveillance, brain manipulation, or covert experimentation. The GGC enforces whistleblower protections, reparations, and medical rights safeguards that directly apply to modern AI and neurotechnology abuses.

GGC Feature	WHO IHR (2005)	Geneva Conventions / Prot. I	Refugee Convention (1951)	Convention Against Torture (CAT)	GGC
Human veto over critical AI	×	×	×	×	✓
Citizen panels with subpoena power	×	×	×	×	✓
EarthVote (global direct democracy)	×	×	×	×	✓
Pre-deployment safety case (legal duty)	×	×	×	×	✓
Mandatory red-teaming incl. psychosocial harms	×	×	×	×	✓
Court-supervised platform kill-switch	×	×	×	×	✓
Reparations & victim relief fund	Partial	Partial	Partial	Partial	✓
Executive & personal liability	×	Partial	×	Partial	✓
Prohibited practices (cognitive manipulation, covert	×	Partial	×	Partial	✓

GGC Feature	WHO IHR (2005)	Geneva Conventions / Prot. I	Refugee Convention (1951)	Convention Against Torture (CAT)	GGC
biometrics, non-consensual neurodata)					
Data dignity: crowd licensing & benefit sharing	×	×	×	×	✓
Full public audit artifacts (model cards, lineage, red-team reports)	×	×	×	×	✓
Directed-energy & RF harassment protections	×	×	×	×	✓
Environmental bans on atmospheric/EM manipulation	×	×	×	×	✓
Cross-border mutual enforcement	Partial	Partial	Partial	Partial	✓
Whistleblower reward & safe harbor	×	×	×	×	✓
Children/vulnerable protections beyond privacy	×	Partial	×	×	✓
Procurement leverage (compliance-tied public money)	×	×	×	×	✓
Incident/near-miss public registries	×	×	×	×	✓
EarthVote periodic renewals of high-risk deployments	×	×	×	×	✓

GGC vs. Corporate AI Codes — Feature Cross-View (with GGC Column)

This table compares the Guardians’ Global Code (GGC) against the voluntary AI codes of leading technology companies such as Google, Microsoft, Meta, and OpenAI. Corporate codes are typically aspirational, setting out guiding principles like fairness, transparency, and safety, but without binding enforcement or accountability. The GGC, by contrast, translates these aspirations into enforceable global obligations: mandatory human veto paths, legally binding reparations funds, citizen oversight institutions, bans on manipulative and harmful AI practices,

public auditability, and democratic control mechanisms like EarthVote. This comparison demonstrates how the GGC closes the accountability gap left by corporate self-regulation, ensuring that protections apply universally and not just at the discretion of companies. It highlights why binding frameworks are essential to protect “you and everyone else in this entire world” from unchecked technological power.

GGC Feature	Google AI Principles	Microsoft RAI Standard	Meta Responsible AI	OpenAI Charter/Policies	GGC
Human veto over critical AI	Partial	Partial	Partial	Partial	✓
Citizen panels with subpoena power	×	×	×	×	✓
EarthVote (global direct democracy)	×	×	×	×	✓
Pre-deployment safety case (legal duty)	×	Partial	×	Partial	✓
Mandatory red-teaming incl. psychosocial harms	Partial	Partial	Partial	Partial	✓
Court-supervised platform kill-switch	×	×	×	×	✓
Reparations & victim relief fund	×	×	×	×	✓
Executive & personal liability	×	×	×	×	✓
Prohibited practices (cognitive manipulation, covert biometrics, non-consensual neurodata)	Partial	Partial	Partial	Partial	✓
Data dignity: crowd licensing & benefit sharing	×	×	×	×	✓
Full public audit artifacts (model cards, lineage, red-team reports)	Partial	Partial	Partial	Partial	✓
Directed-energy & RF harassment protections	×	×	×	×	✓

GGC Feature	Google AI Principles	Microsoft RAI Standard	Meta Responsible AI	OpenAI Charter/Policies	GGC
Environmental bans on atmospheric/EM manipulation	×	×	×	×	✓
Cross-border mutual enforcement	×	×	×	×	✓
Whistleblower reward & safe harbor	×	×	×	×	✓
Children/vulnerable protections beyond privacy	Partial	Partial	Partial	Partial	✓
Procurement leverage (compliance-tied public money)	×	×	×	×	✓
Incident/near-miss public registries	×	×	×	×	✓
EarthVote periodic renewals of high-risk deployments	×	×	×	×	✓

GGC vs. Military & Security Doctrines — Feature Cross-View (with GGC Column)

This table compares the Guardians’ Global Code (GGC) against military and security doctrines from NATO, the United States, China, Russia, and other powers. These doctrines often encourage or permit the development of autonomous weapons, AI-driven surveillance, psychological operations, and electromagnetic or cyber warfare. While they may mention ethics or “responsible AI use,” they rarely impose hard bans or provide citizen protections. The GGC, by contrast, establishes absolute prohibitions on lethal autonomous weapons, covert manipulation, directed energy harassment, and surveillance without consent. It mandates human supremacy over all critical decisions, requires transparency, reparations, and global oversight, and criminalizes military use of AI that targets civilians. This comparison underscores how the GGC directly challenges militarized AI doctrines, replacing permissive national-security frameworks with binding global protections for human rights, dignity, and peace for “you and everyone else in this entire world.”

GGC Feature	NATO Autonomy Guidance (public)	PRC Military AI Strategy (public)	Russian Military Doctrine (public)	GGC
Human veto over critical AI	Partial	Partial	Partial	✓
Citizen panels with subpoena power	×	×	×	✓
EarthVote (global direct democracy)	×	×	×	✓
Pre-deployment safety case (legal duty)	×	×	×	✓
Mandatory red-teaming incl. psychosocial harms	Partial	×	×	✓
Court-supervised platform kill-switch	×	×	×	✓
Reparations & victim relief fund	×	×	×	✓
Executive & personal liability	×	×	×	✓
Prohibited practices (cognitive manipulation, covert biometrics, non-consensual neurodata)	Partial	×	×	✓
Data dignity: crowd licensing & benefit sharing	×	×	×	✓
Full public audit artifacts (model cards, lineage, red-team reports)	×	×	×	✓
Directed-energy & RF harassment protections	×	×	×	✓
Environmental bans on atmospheric/EM manipulation	×	×	×	✓
Cross-border mutual enforcement	Partial	×	×	✓
Whistleblower reward & safe harbor	×	×	×	✓
Children/vulnerable protections beyond privacy	×	×	×	✓
Procurement leverage (compliance-tied public money)	Partial	×	×	✓
Incident/near-miss public registries	×	×	×	✓

GGC Feature	NATO Autonomy Guidance (public)	PRC Military AI Strategy (public)	Russian Military Doctrine (public)	GGC
EarthVote periodic renewals of high-risk deployments	×	×	×	✓

GGC vs. Climate & Environmental Frameworks — Feature Cross-View (with GGC Column)

This table compares the Guardians’ Global Code (GGC) against international climate and environmental frameworks such as the Paris Agreement, IPCC guidelines, the ENMOD Convention, the Clean Air Act, and the Weather Modification Policy Act. Existing frameworks address greenhouse gases, ozone depletion, and environmental modification in limited ways, but they often fail to regulate AI-driven geoengineering, aerosol spraying, or electromagnetic weather manipulation. The GGC goes further by banning covert geoengineering, chemtrail programs, and the use of AI for planetary or atmospheric tampering without democratic approval. It mandates ecological impact audits, climate justice reparations, and transparency in all environmental interventions. This comparison highlights how the GGC bridges the gap between traditional environmental law and emerging technological threats, ensuring that planetary protection extends to new risks posed by AI and advanced energy systems—directly safeguarding “you and everyone else in this entire world.”

GGCF Feature	Paris Agreement	IPCC Guidelines	Convention on Biological Diversity (CBD)	GGC
Human veto over critical AI	×	×	×	✓
Citizen panels with subpoena power	×	×	×	✓
EarthVote (global direct democracy)	×	×	×	✓
Pre-deployment safety case (legal duty)	×	×	×	✓
Mandatory red-teaming incl. psychosocial harms	×	×	×	✓
Court-supervised platform kill-switch	×	×	×	✓
Reparations & victim relief fund	Partial	×	Partial	✓
Executive & personal liability	×	×	×	✓

GGCF Feature	Paris Agreement	IPCC Guidelines	Convention on Biological Diversity (CBD)	GGC
Prohibited practices (cognitive manipulation, covert biometrics, non-consensual neurodata)	×	×	×	✓
Data dignity: crowd licensing & benefit sharing	×	×	×	✓
Full public audit artifacts (model cards, lineage, red-team reports)	×	×	×	✓
Directed-energy & RF harassment protections	×	×	×	✓
Environmental bans on atmospheric/EM manipulation	×	×	Partial	✓
Cross-border mutual enforcement	Partial	×	Partial	✓
Whistleblower reward & safe harbor	×	×	×	✓
Children/vulnerable protections beyond privacy	×	×	×	✓
Procurement leverage (compliance-tied public money)	×	×	×	✓
Incident/near-miss public registries	×	×	×	✓
EarthVote periodic renewals of high-risk deployments	×	×	×	✓

GGC vs. Humanitarian & Health Treaties — Feature Cross-View (with GGC Column)

This table compares the Guardians’ Global Code (GGC) against global humanitarian and health treaties, such as the Geneva Conventions, WHO International Health Regulations, the Belmont Report, and the Common Rule. These instruments were designed to protect human dignity in war, ensure ethical medical research, and safeguard public health. Yet they remain limited in scope: they do not cover AI-driven harms, electromagnetic harassment, mass surveillance, or covert technological experiments on civilians. The GGC fills these gaps by explicitly banning electronic harassment, neurotech manipulation, and unauthorized experimentation on people anywhere in the world. It enforces whistleblower protections, reparations for victims, and strict oversight of health and research practices under citizen-led panels. This comparison shows that while humanitarian and health treaties provide vital ethical baselines, the GGC extends those

protections into the digital and technological era, ensuring enforceable safeguards for “you and everyone else in this entire world.”

GGC Feature	WHO IHR (2005)	Geneva Conventions / Prot. I	Refugee Convention (1951)	Convention Against Torture (CAT)	GGC
Human veto over critical AI	×	×	×	×	✓
Citizen panels with subpoena power	×	×	×	×	✓
EarthVote (global direct democracy)	×	×	×	×	✓
Pre-deployment safety case (legal duty)	×	×	×	×	✓
Mandatory red-teaming incl. psychosocial harms	×	×	×	×	✓
Court-supervised platform kill-switch	×	×	×	×	✓
Reparations & victim relief fund	Partial	Partial	Partial	Partial	✓
Executive & personal liability	×	Partial	×	Partial	✓
Prohibited practices (cognitive manipulation, covert biometrics, non-consensual neurodata)	×	Partial	×	Partial	✓
Data dignity: crowd licensing & benefit sharing	×	×	×	×	✓
Full public audit artifacts (model cards, lineage, red-team reports)	×	×	×	×	✓
Directed-energy & RF harassment protections	×	×	×	×	✓
Environmental bans on atmospheric/EM manipulation	×	×	×	×	✓

GGC Feature	WHO IHR (2005)	Geneva Conventions / Prot. I	Refugee Convention (1951)	Convention Against Torture (CAT)	GGC
Cross-border mutual enforcement	Partial	Partial	Partial	Partial	✓
Whistleblower reward & safe harbor	×	×	×	×	✓
Children/vulnerable protections beyond privacy	×	Partial	×	×	✓
Procurement leverage (compliance-tied public money)	×	×	×	×	✓
Incident/near-miss public registries	×	×	×	×	✓
EarthVote periodic renewals of high-risk deployments	×	×	×	×	✓

GLOSSARY OF TERMS (EXPANDED EDITION)

Term	Definition
Artificial Intelligence (AI)	Computer systems designed to simulate human intelligence by performing tasks such as reasoning, learning, and decision-making.
Machine Learning (ML)	A subset of AI where algorithms improve performance over time as they are exposed to more data.
Deep Learning	Advanced machine learning using neural networks with many layers to analyze complex patterns, enabling breakthroughs in vision, speech, and natural language.
Algorithm	A finite sequence of logical steps or rules followed to perform calculations or solve problems.
Neural Network	A computational system inspired by the human brain, consisting of layers of interconnected nodes that process data.
Generative AI	AI systems capable of producing new content such as text, images, music, or video, often mimicking human creativity.

Term	Definition
Bias (Algorithmic Bias)	Systematic discrimination or unfairness in AI results caused by flawed data, assumptions, or design.
Transparency	The ability for stakeholders to understand and review how an AI system makes decisions.
Accountability	The principle that developers, institutions, and governments are responsible for AI system outcomes.
Auditability	The capacity for independent examination of an AI system's data, processes, and results to ensure compliance and safety.
Explainability	The ability of an AI system to clearly justify its decisions in human-understandable terms.
Data Sovereignty	The right of individuals, groups, or nations to control access, ownership, and benefit from their data.
Data Dignity	A principle recognizing personal data as an extension of human dignity, with rights to consent, royalties, and control.
Privacy	The right of individuals to control how their personal information is collected, used, and shared.
Biometric Data	Unique biological and behavioral identifiers such as DNA, fingerprints, iris scans, gait, or voiceprints.
Surveillance	Systematic monitoring of behavior or communications, often enhanced by AI recognition tools.
Mass Surveillance	Large-scale monitoring of entire populations using AI, cameras, satellites, and communications systems.
Predictive Policing	The use of AI to forecast criminal activity based on data trends, often criticized for bias and injustice.
Cognitive Manipulation	The covert use of AI or electromagnetic signals to alter thoughts, decisions, or emotions without consent.
Electronic Harassment	Non-consensual targeting of individuals with directed energy, sonic, or digital means to cause harm.
Directed Energy Weapons (DEWs)	Weapons using focused energy (microwave, laser, RF, ultrasound, infrasound) to disable electronics or harm people.
Microwave Radiation	Electromagnetic waves with frequencies between 300 MHz and 300 GHz, often linked to wireless tech but also weaponized.

Term	Definition
Radiofrequency (RF)	A range of electromagnetic frequencies used in wireless communication, with potential biological effects at high intensities.
Extremely Low Frequency (ELF)	Electromagnetic fields below 300 Hz; implicated in biological and neurological effects.
Infrasound	Acoustic waves below 20 Hz, inaudible to humans but capable of inducing fear, nausea, or disorientation.
Ultrasound	Acoustic waves above 20 kHz, used in medicine and industry but also in crowd control or covert harassment.
Wi-Fi	Wireless networking technology using RF signals (commonly 2.4 GHz and 5 GHz bands) to transmit data.
Bluetooth	Short-range RF technology enabling device-to-device communication, often embedded in consumer electronics.
5G	Fifth-generation mobile communication technology operating on high-frequency bands, enabling massive data speeds but raising concerns about health and surveillance.
Quantum Computing	Emerging computational technology harnessing quantum mechanics to solve problems exponentially faster than classical computers.
Quantum AI	The combination of AI with quantum computing to accelerate learning, optimization, and cryptographic analysis.
Geoengineering	Large-scale human interventions in Earth's climate system, such as solar radiation management or aerosol spraying.
Chemtrails (Aerosol Programs)	Persistent jet trails suspected or documented to involve dispersal of chemicals or particulates for weather modification or geoengineering.
ENMOD Convention (1978)	International treaty banning hostile use of environmental modification technologies.
Weather Modification	Artificial alteration of weather patterns, including cloud seeding or ionosphere manipulation.
Havana Syndrome	Unexplained neurological symptoms linked to suspected directed energy or microwave exposure, first reported by diplomats.
Red-Teaming	Adversarial stress-testing of AI systems to identify flaws, vulnerabilities, and potential misuse before deployment.

Term	Definition
Fail-Safe Shutdown Protocol	Mandatory safety mechanism to immediately disable AI or weapons systems during malfunction or abuse.
EarthVote	A global blockchain-enabled democratic voting platform for citizens to decide on key AI and technology policies.
Oversight Institutions	Independent global or national bodies with subpoena power and authority to regulate, halt, or investigate AI and electromagnetic technologies.
Whistleblower Protections	Safeguards shielding individuals who expose misconduct in AI, military, or government programs from retaliation.
Reparations Tribunal	Independent global court to assess damages from AI or EMF harms and award compensation.
Corporate Liability	Legal accountability of corporations for harms caused by their AI systems, surveillance programs, or experimental technologies.
Digital Immune System	A constitutional requirement that safeguards against malicious code, AI manipulation, or digital infiltration.
Neurotechnology	Brain-computer interfaces, neural implants, or stimulation devices that interact directly with the human nervous system.
Brainwave Entrainment	The manipulation of brain states using rhythmic stimuli, often via sound or EMF, potentially used in coercive ways.
Psychological Operations (PsyOps)	Strategies, often involving AI or signals, designed to influence behavior, perception, or collective psychology.
Synthetic Biology	Engineering of biological systems, sometimes tied to AI and biotechnology experiments.
Gene Editing (CRISPR/Cas9)	Genetic modification technology with applications in medicine and agriculture, raising ethical and biosecurity concerns.
Blockchain Governance	Use of blockchain technology to create transparent, tamper-proof systems for democratic decision-making or AI oversight.
Common Rule (45 CFR 46)	U.S. regulations requiring informed consent and protections in human subject research.
Belmont Report (1979)	Landmark ethical guidelines for research: Respect for Persons, Beneficence, and Justice.
General Data Protection Regulation (GDPR)	European Union law granting individuals rights over their personal data.

Term	Definition
EU AI Act (2024)	Comprehensive EU legislation categorizing AI by risk and imposing obligations for safety and accountability.
AI Bill of Rights (2022)	U.S. framework outlining citizens' rights in relation to AI systems.
Executive Order 14110 (2023)	U.S. directive on safe, secure, and trustworthy AI development.
Executive Order 13960 (2020)	U.S. directive promoting responsible AI in federal agencies.
UN Universal Declaration of Human Rights (1948)	Foundational international human rights charter.
Geneva Protocol I (1977)	Treaty banning hostile use of certain weapons, including environmental and experimental ones.

The end.

