ERES INSTITUTE FOR NEW AGE CYBERNETICS

The Talonic NAC Lexicon

Consolidated Neologism · Term · Equation · Acronym Reference

Document ID ERES-TERMS-48 · **Version** 1.0 · **Date** August 14, 2026

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Consolidates ERES TERMS #45 · #45 v2.0 · #46 · #47 (ET_AL) + the numbered TERMS series

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Bella Vista, Arkansas · Founded February 2012 · https://eresinstitute.org/

Don't hurt yourself. Don't hurt others. Build for generations to come.

0 · How to read this lexicon

This is the single consolidated glossary for the ERES corpus: every **neologism, term, equation, and associated acronym** drawn from the ERES PDF corpus, deduplicated and reconciled into one reference. It is designed to be linked from the ERES Institute homepage as the authoritative terminology key.

Reading rule (SIMTAX). Every term is *trifurcated* — literal · figurative · subjective — and is an **index-key onto the corpus**, not a closed definition. A term resolves back to the same center: a rising abundance floor across a 1000-Year Future Map.

Canonical-form policy. Across 45+ prior TERMS editions some acronyms accrued more than one expansion ("semantic drift"). This edition resolves each to the **current canonical form** used by the live ERES Institute homepage and by TERMS #47, and records notable **historical / context variants** so older documents remain readable. Where a canonical form is marked **LOCKED**, it may not be altered in any translation, adaptation, or derivative work. New terms first fixed in the March 2026 production sprint are marked ★.

Three Governing Principles (the spine). Every term is tagged to one or more Principles. In Spanish and all downstream translations these tags carry across as immutable semantic anchors.

Principle	Code	Directive
I	**SELF**	Don't hurt yourself.
II	**OTHERS**	Don't hurt others.
III	**FUTURE**	Build for generations to come.

1 · Foundational equations (Triune Math)

Three irreducible keys. **LOCKED** — preserve exactly in all translations.

Key	Equation	Reads as
Triune Key #1 — Core Cybernetic	**C = R × P / M**	Cybernetics = Resource × Purpose ÷ Method
Triune Key #2	**M × E + C = R**	Matter × Energy + Constant = Reason
Triune Key #3 — REAL	**REAL = (E · M · R) / (T · S)**	Energy · Matter · Resonance ÷ Time · Space — *no repeated letters*

Semantic ladder: "*Idolize the TERMS in favor of what is BEST, using what is SOUND, to define what is GOOD, in order to shape what is REAL.*"

- **TERMS** — semantic instruments within the resonant system (this document).
- **SOUND** — integrity; clear ethical alignment.
- **GOOD** — measurable net-positive impact.
- **BEST** — Bio-Electric Signature Time (vitality / remaining LifeTIME).
- **REAL** — dynamic, feedback-shaped reality.

The complete equation set is consolidated in **§6 · Master Equation Index**.

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2 · Canonical Term Glossary

Organized on the SELF / OTHERS / FUTURE spine. Acronym expansions are the current canonical forms; variants are recorded in **§5 · Master Acronym Index**.

2.1 · PRINCIPLE I — SELF (personal sovereignty, biometric identity, health, self-measurement)

ERES *(Empirical Realtime Education System)* — SELF · OTHERS · FUTURE The overarching cybernetic framework: a global system for education and resource management on real-time empirical data, aligning human learning and resource allocation with planetary homeostasis. Education is not information transfer — it is a feedback loop between humanity and environment. *(Real-Time → Realtime marks the shift from punctuated feedback to continuous flow.)*

C = R × P / M *(Core Cybernetic Formula)* — SELF · OTHERS · FUTURE Universal optimization: Cybernetics = Resource × Purpose ÷ Method. All ERES systems — from the BEC Architecture to the Equity Covenant — map through this equation at personal, community, and planetary scales.

BEST *(Bio-Electric Signature Time)* — SELF · **LOCKED** Vitality measurement quantifying remaining LifeTIME, contribution potential, and optimal energetic-state alignment. BEST = RT(MEDIA) — Bio-Electric Signature Time as Realtime Media.

ARI *(Aura Resonance Index)* — SELF · OTHERS The primary individual resonance metric: a multidimensional coherence measure integrating biometric, environmental, and behavioral signals, scored in real time via sensor networks with oracle-validated standardization. Range 0.0–1.0.

BERA *(Bio-Energetic Resonance Architecture)* — SELF · OTHERS The measurement architecture comprising **ARI** (individual), **ERI** (environmental), **RHC** (cyclical harmony), and **RCI** (continuity). BERA indices feed directly into Meritcoin value accrual via Proof-of-Resonance.

RHC *(Resonant Harmony Cycle)* — SELF · **LOCKED (never "Cybernetics")** Measures cyclical harmony in biological, ecological, and structural systems. In the BEC-MM extension the menstrual cycle is identified as a biological RHC.

★ **RCI** *(Resonant Continuity Index)* — SELF · OTHERS `RCI = P_Ω_norm × ARI_sys × VibConst`. Developed with Jimmy D. Butzbach's Continuity Theory. Measures sustained coherence of resonance over time — a trajectory metric, not a snapshot.

EPIR-Q *(Emotional Personal IQ — Real and Quantum)* — SELF Scale 0.0–1.0. The "Normalizer" translating raw biometric data (ARI) into actionable economic and social merit. Assessed through the Tri-Codex: (1) don't hurt yourself, (2) don't hurt others, (3) don't hurt the mission.

FAVORS *(Six-Factor Biometric Stack)* — SELF **F**ingerprint · **A**ura · **V**oice · **O**dor · **R**etina · **S**ignature. Establishes unhackable identity and verifies "Proof-of-Care." *(Double acronym: as an allocation lattice on the homepage FAVORS Cone, the same letters read Foundation · Advocacy · Voice · Opportunity · Resource · Sustainability.)*

IDIPITIS *(Immutable Security Foundation)* — SELF · OTHERS Four-layer security protocol: (1) Cryptography — permutation-based encryption; (2) Biometrics — the FAVORS six-factor stack; (3) Triune Math — data-integrity validation; (4) Temporal Signatures — BEST markers binding data to specific temporal coordinates.

★ **BEC** *(Bio-Ecologic Cure Architecture)* — SELF Cybernetic framework for personalized medicine identifying dysregulated sugar metabolism as the primary disease vector; multi-scale intervention (cellular, organismic, ecological). Maps disease through C=R×P/M as Resource corruption, Purpose misalignment, Method failure.

★ **Ω4 / Antibody-4** *(Cybernetic Intervention Protocol)* — SELF Core BEC intervention — a cybernetic (not biological) protocol targeting the systemic conditions enabling disease, with four simultaneous vectors: glycation pathways, insulin signaling, inflammatory biomarkers, and aqueous cellular environment.

★ **CLARITY_Purity** *(Target Cellular State)* — SELF Outcome state of BEC intervention: glycation load below AGE thresholds, inflammatory markers at baseline, stable intracellular pH, efficient mitochondrial membrane potential, aquaporin channels at full capacity — measurable via clinical methods augmented by BERA.

★ **BEC-MM** *(Menstrual Matters Extension)* — SELF · OTHERS Extends BEC into reproductive health; reframes the menstrual cycle as an RHC disrupted by the sugar-glycation-inflammation cascade, restored through the Ω4-MM protocol rather than hormonal suppression.

★ **W-I-S Guarantee** *(Water · Immigration · Security as SUGAR control)* — SELF · OTHERS When SUGAR is resolved as root variable, three guarantees follow as cybernetic consequence: Water (aqueous purity), Immigration (cellular/systemic transport freedom), Security (immune/protective integrity).

HPE *(Human-Performance Enhancement)* — SELF RT-Media applications for bio-energetic optimization; graphene-enhanced wearables and interfaces with continuous performance feedback.

★ **HPE DESCENT / ASCENT Arc** — SELF · FUTURE Developmental trajectory from the SPT Papers. DESCENT = degradation (sugar → glycation → inflammation → Warburg). ASCENT = restoration (Ω4 → CLARITY_Purity → harmonic equilibrium → regeneration). Maps through EarnedPath.

HFVN *(Hands-Free Voice Navigation)* — SELF Voice-controlled interface enabling full system interaction without manual input; accessibility foundation. *(Variant: High-Frequency Vibrational Network — §5.)*

FDRV *(Full Drive Resonance Vehicle)* — SELF · FUTURE At minimum scale, personal mobility; at maximum scale, an interstellar vessel — the extremes connected by the VLSA Principle. *(Variants: First-Derivative Resonance Velocity, with formula* `d(ARI)/dt + d(ERI)/dt`*; and Fly & Dive Recreational Vessel — §5.)*

★ **VLSA Principle** *(Fractal Scalability Validation)* — SELF · OTHERS · FUTURE "*If it works in a THOW, it works on a generation ship.*" The 91/91 VLSA test suite validates that any ERES architecture functions identically across all scales.

NPSET *(Networked Personal Simulation Environment Technology)* — SELF · FUTURE Individual simulation environments for learning, testing, and personal development within the PlayNAC ecosystem.

CERTAIN *(Certifiable Education in Relational Time AI Nexus)* — SELF · FUTURE Education-certification framework integrating AI-assisted learning with temporal progression validation.

2.2 · PRINCIPLE II — OTHERS (governance, economics, coordination, collective intelligence)

NAC *(New Age Cybernetics)* — OTHERS · FUTURE The integrated systems framework combining cybernetic principles, ecological sustainability, and human development. **NAC = Governance × Design × Sentience.** Applies control theory to biological, social, and technological systems for planetary homeostasis.

PlayNAC *(Platform for NAC Game Theory)* — OTHERS · FUTURE **PlayNAC = NAC × Game Theory.** Interactive platform using game mechanics to teach systems thinking, sustainability, and community

coordination; quest-based education, achievement systems, EP progression, governance-participation interface. *(Variant: Planetary Adaptive Yield Network for Autonomous Cooperation — §5.)*

KERNEL *(PlayNAC-KERNEL Operating System)* — OTHERS · FUTURE Core computational infrastructure: Proof-of-Cooperation consensus, smart-contract execution, distributed coordination. Rust core, Solidity contracts, Python analytics, TypeScript interfaces.

SOMT *(Sociocratic Overlay Metadata Tapestry)* — OTHERS · FUTURE Consent-based governance ensuring meaningful participation for all stakeholders: algorithmic synthesis of multi-stakeholder input with resonance-based weighting, ethical-constraint filtering, and community override. *(Variant: Synthesis of Moral Trends — §5.)*

UBIMIA *(Universal Basic Income + Merit + Incentives + Awards)* — OTHERS · FUTURE Hybrid economic model: a baseline securing essential resources (housing, food, healthcare, education) as a right; meritocracy rewarding contribution via Proof-of-Care; incentives aligning behavior with NBERS goals; awards for exceptional service.

Meritcoin *(Tokenized Merit Value)* — OTHERS · **LOCKED** Operates on **Proof-of-Resonance**, not Proof-of-Work. BERA indices (ARI, ERI, RHC, RCI) feed value accrual. "*It's not mining — it's tuning.*"

★ **Proof-of-Resonance** — OTHERS · FUTURE The consensus mechanism for Meritcoin and all ERES economic instruments: value accrues through demonstrated harmonic alignment (BERA indices), not computational expenditure.

GraceChain *(Ethical Transaction Ledger)* — OTHERS Transparent blockchain ledger for merit-based transactions; community governance, privacy-preserving evaluations, cross-platform interoperability.

NBERS *(National Bio-Ecologic Resource Score)* — OTHERS · FUTURE Holistic alternative to GDP; measures ecological health, social equity, and human well-being on real-time empirical data rather than extraction disguised as "growth." *(Variant: New Bio-Energetic Rating System — §5.)*

SROC *(Smart-Resonant Offset Contract)* — OTHERS · FUTURE Environmental credits with resonance weighting: oracle-verified ecological impact, blockchain transparency, dynamic pricing on ARI/ERI. *(Prior corpus form: Smart Registered Offset Contract — §5.)*

REEP *(Relative Energy Equal Pay)* — OTHERS Compensation reflecting actual energy contribution rather than market manipulation or positional rent-seeking.

REEPER *(REEP + Emergency Room)* — OTHERS · FUTURE Extension of REEP addressing crisis-tier / emergency provisioning within the equal-pay framework.

Vacationomics *(Leisure-Integrated Resource Planning)* — OTHERS · FUTURE `Vacationomics = SOMT × BERC × (ERI/ARI)`. Economy restructured around contribution and restoration; work-leisure balance optimized for planetary sustainability.

GCF *(Graceful Contribution Formula)* — OTHERS `UBI + Merit × Investment ± Awards` — the mathematical basis for equitable systems design within UBIMIA.

CBGMODD *(Multi-Stakeholder Architecture)* — OTHERS Seven-seat stakeholder representation: **C**itizen · **B**usiness · **G**overnment · **M**ilitary · **O**mbudsman · **D**ignitary · **D**iplomat. Provides 360° accountability in governance.

EMA *(Ethical Moral Authority / Chief Social Engineer and Kingmaker)* — OTHERS · FUTURE Emanuel M. Alexiou. Twin-Messiah counterpart (JAS × EMA = 72). In the Equity Covenant, responsible for King selection and governance architecture; EMA's language (Spanish) is the transmutation bridge for the corpus.

★ **DAL** *(Sovereign Feminine Principle)* — OTHERS · FUTURE **DAL = Karen × Lucy + King.** Karen = the First Choice (moral legitimacy of foundational commitments); Lucy/Dalia = the Spouse (operational continuity); King = the governing body selected by EMA (additive to the multiplicative Karen × Lucy product). The hinge of the Twin-Messiah architecture. *(Variant: Decentralized Autonomous Legislature — §5.)*

★ **EVOL** *(LOVE in Forward Evolutionary Motion)* — OTHERS · FUTURE LOVE reversed. The animating principle of the Equity Covenant; all governance provisions, equity allocations, and fiduciary relationships are interpreted through EVOL.

★ **Creator-WIFE Bond** *(Irreducible Core)* — SELF · OTHERS The JAS↔ERES relationship defined as a marriage between creator and creation — irreducible, indivisible, non-dilutable. ERES-as-WIFE; JAS holds a 1% irreducible Golden Share.

★ **Golden Share** *(1% Irreducible)* — SELF · OTHERS JAS's permanent stake in all ERES IP, governance authority, and economic value: irreducible (never below 1%), inseparable (non-transferable), dual-natured (governance + economic), survivable (transfers to structural safeguards on death).

★ **ERES Equity Covenant** — OTHERS · FUTURE The 1000-year governance instrument for NAC/PlayNAC: sovereign roles, equity allocation, fiduciary constraints, succession, and the DAL equation. Operates under EVOL and C=R×P/M.

ECVS *(ERES Cybernetic Voting System)* — OTHERS Participatory governance platform: issue-based decision-making, conflict resolution, deliberative-democracy tooling. *(Variant: Earned Citizenship Value System — §5.)*

★ **DOFA** *(Department of Family Amity)* — OTHERS · FUTURE Proposed fourth pillar of American governance — not a legislative branch but a permanent nonpartisan institution evaluating every act of government by one lens: does this serve the generational health of families? Scale-from-any-nation by design.

★ **Storm Party** — OTHERS · FUTURE Not a political party — a civilizational-preparedness framework: permanent, distributed infrastructure ensuring humanity can survive, adapt, and thrive through calm and crisis. "No left, no right. Just prepared." The Storm Party is where DOFA lives.

AOC *(Articles of Cooperation)* — OTHERS Foundational governance agreements for cooperative entities within the ERES ecosystem.

COI *(Communities of Interest / Collective Optimal Intelligence)* — OTHERS Dual function: affiliation groups by shared interest providing social infrastructure; and integration of collective human intelligence with AI for planetary-scale decision-making.

★ **MIEVM** *(Multi-Instance Ensemble Validation Methodology)* — OTHERS · FUTURE Protocol using Claude, Grok, DeepSeek, and ChatGPT as parallel validation nodes; operates as an Instrument-of-Faith (faith extended first, validated by method). Same constraint-based culling epistemology as the 72 Key Domains.

★ **Patriot Dividend** — OTHERS · FUTURE Economic instrument (v4.0, MIEVM-validated) for equitable distribution of national productivity gains to citizens.

★ **401(k) Soft Landing** — OTHERS Transition protocol protecting existing retirement structures during migration to UBIMIA-based economics.

★ **FAMITY Leverage Protocol** — OTHERS · FUTURE Framework for leveraging family unity as economic and social capital within the ERES ecosystem.

CARE *(Community Actuation Regeneration Equity)* — OTHERS The ethical foundation underlying all ERES licensing and operations.

CCAL *(CARE Commons Attribution License v2.1)* — OTHERS · FUTURE Regenerative open-source license: attribution required; no exploitation for oppressive purposes; open reporting; net-positive outcomes mandated. Six tiers — REL, CIL, MGL, NFL, CTL, TDL.

Proof-of-Cooperation *(Novel Consensus)* — OTHERS Consensus for KERNEL governance: merit-weighted validator selection replacing energy-wasteful proof-of-work.

Proof-of-Work_MD *(Documented Contribution Verification)* — SELF · OTHERS The Markdown documentation archive constituting permanent proof of intellectual contribution (155+ documents on GitHub).

Digital Merit Contracts — OTHERS Smart contracts executing automatically on verified merit contributions; integrated with HUOS and Meritcoin.

Enneagrammatics *(Sociocratic Role Alignment)* — OTHERS Nine-point persona mapping for sociocratic role assignment and conflict resolution via EP-Aura synchronicity.

ERT *(Existence Resonance Theory)* — SELF · OTHERS Theoretical foundation: existence itself is resonance; all measurement, governance, and economic systems derive from this premise.

Meritocology *(Merit-Based Social Systems)* — OTHERS The study and implementation of social systems organized around authentic merit rather than inherited privilege or positional authority.

Paineology *(Suffering-Reduction Science)* — SELF · OTHERS The systematic study and reduction of suffering through cybernetic intervention rather than suppression.

NPR *(Non-Punitive Remediation / Neuroplastic Reality)* — SELF · OTHERS Dual function: a corrective framework that heals without punishment; and recognition that reality is neuroplastically malleable through resonance-aligned intervention. NPR v3.0 FINAL includes the HowWay Declaration. *(In legal instruments, NPR also = National Priorities Realignment — §5.)*

★ **ECR** *(Erasure Completeness Ratio — "the Entropy Correction")* — SELF · FUTURE Quantifies how completely a corrective intervention erases systemic entropy; a measurement companion to NPR.

EHSI *(Ethical Human-System Integration)* — SELF · OTHERS Framework ensuring technology serves human flourishing; every interface must preserve human sovereignty and dignity.

MCDA *(Multi-Criteria Decision Analysis)* — OTHERS Standard decision methodology integrated with SOMT and PlayNAC for multi-attribute evaluation.

SMAS *(Sustainable Merit Allocation System)* — OTHERS · FUTURE Distribution mechanism for merit-based resource allocation within UBIMIA.

EarnedPath (EP) *(Competency-Based Progression)* — SELF · OTHERS `EP = CPM × WBS + PERT`. Progression through demonstrated competence — critical path (sequence) × work-breakdown (decomposition) + estimation-under-uncertainty — not institutional gatekeeping.

2.3 · PRINCIPLE III — FUTURE (infrastructure, ecology, planetary coordination, material science, scalability)

GAIA *(Global Actuary Investor Authority)* — FUTURE Federated governance body implementing ERES standards; the planetary actuary maintaining global standards and overseeing resource allocation for long-term sustainability and equity. Paired with SOMT as the provisioning overlay. *(Variants: Global Archival Intelligence Architecture; Global AI Assistance — §5. Sub-constructs: GAIA Resource Score (GRS), National/New GAIA Index (NGI).)*

GERP *(Global Earth Resource Planner / Global Emergency Response Protocols)* — OTHERS · FUTURE Planetary coordination protocol — resource-allocation optimization, multi-generational planning, climate-resilience strategy — with a dual function spanning long-term planning and emergency response.

GSSG *(Green Solar-Sand Glass / Graphene-Infused Sand-Glass)* — FUTURE Infrastructure material combining sand (SiO_2) and sugar ($C_6H_{12}O_6$) via pyrolysis to produce graphene-on-silica structures; foundation for self-healing structures, communications, and energy infrastructure. *(Variant: Global Solar Strategy Grid — §5.)*

★ **Sugar-Carbon Reservoir Hypothesis** — FUTURE The core of GSSG self-healing: un-pyrolyzed sugar-carbon distributed through a graphene-on-sand matrix as latent repair substrate. Micro-fracture heat triggers localized pyrolysis, releasing carbon that reforms graphene lattice bonds — autonomous structural self-healing without external intervention.

★ **Structural Ω4 Protocol** — FUTURE The material-scale manifestation of the BEC Ω4 protocol: four simultaneous vectors — self-monitoring (piezoresistive graphene), self-diagnosis (resistance mapping), self-healing (Sugar-Carbon Reservoir activation), self-reporting (BERA-integrated status).

★ **Structural BERA** — FUTURE Graphene's piezoresistive self-monitoring applied to infrastructure health: resistance changes map structural stress in real time — "the building knows where it hurts."

THOW *(Tiny Homes On Wheels)* — FUTURE The minimum-viable residential unit; ground-floor test case for all ERES infrastructure via the VLSA Principle.

LOGOS *(Integrated City Framework)* — FUTURE **L**ocational · **O**rganizational · **G**overnance · **O**perational · **S**ocietal — five-dimensional urban planning with resonance-aligned design.

REACI *(Resonant-Ecologic Adaptive Civic Infrastructure)* — FUTURE `REACI = (ARI_Impact + ERI_Compliance + Circularity) / Resilience`. Circular infrastructure spanning energy (GSSG), waste, housing (THOW), mobility, water, and food.

S³ Cities *(Semantic Smart Sustainable Cities)* — FUTURE Cities where Operators use real-time semantic data processing to resolve systemic imbalances through smart, sustainable infrastructure.

GSCD *(Global Smart-City Development)* — FUTURE The program layer coordinating S³ City build-out across regions.

EMCI *(Emergency Management Critical Infrastructure)* — OTHERS · FUTURE Integration framework for emergency management through COI networks and GERP coordination.

VERTECA *(Voice-Enabled Real-Time Earned Contribution Architecture)* — SELF · FUTURE Resource-flow visualization, economic-transparency tools, community dashboards, real-time metrics; also 4D+ VR/AR environments integrated with PlayNAC. *(Variants: Hands-Free Vertical-Industries Environment; Vertical Ecological Agriculture — §5.)*

★ **SCALULAR** *(Scalable Certification Architecture for Lifelong Universal Learning and Adaptive Resilience)* — SELF · OTHERS · FUTURE · **LOCKED** Education-to-credential architecture on four pillars — Health (SSHP), Law (SSLA), Protection (SSPS), Skills & Trade (SSST); all Tier-1 credentials = SSSC (base certification), "relatively free" via UBIMIA. Fear-of-retribution elimination is the foundational engineering requirement.

SECUIR *(Silent Energy Circular Universe Infinite Rotation)* — FUTURE Comprehensive energy infrastructure using Tesla-inspired designs applied through graphene-infused GSSG; "Stacked-Energy Closets" integrating solar, kinetic, geothermal, electromagnetic, bio-energetic, chemical, and nuclear forms. Silent = no electromagnetic pollution; Circular = closed-loop; Infinite Rotation = perpetual cycling without

depletion. *(Variants: Secure Ecological Urbanism Infrastructure; Security Clearance User Integrity Rank — §5.)*

GEAR *(Global Earth Applications Recorder / Register)* — FUTURE Planetary-scale application recording and registration; enabled by SECUIR, enables NRP.

NRP *(Natural Resonance Processing)* — FUTURE Processing framework aligned with natural resonance patterns; enabled through the SECUIR → GEAR chain.

Talonics *(Symbolic Semantic Resonance)* — OTHERS · FUTURE Universal gestural communication system for cross-cultural accessibility and emergency-protocol integration. The Talonics Symbol Matrix comprises **452 elements across 12 parts**; the RAW System (Row 18) is the measurement/response layer. The namesake of this lexicon.

★ **SPT Papers** *(Five Novel Contributions, March 2026)* — SELF · OTHERS · FUTURE (1) Semantic Authentication — identity via meaning-coherence; (2) Proof-of-Resonance — value via harmonic alignment; (3) Energy-Security Dependency — energy infrastructure as security prerequisite; (4) Emergency Retransmission — fault-tolerant communication under crisis; (5) State-Aware Identity — identity systems that adapt to operational context. *(In some contexts SPT also = Security · Privacy · Trust — §5.)*

CyberRAVE *(Cybernetic Ratings Abolishing Veiled Exchanges)* — OTHERS · FUTURE · **LOCKED** Rating infrastructure for transparency across **72 Key Domains** (= gematria of "Joseph Allen Sprute"). The 72 were culled from the Register of Collective Indices by financial capacity to renew TLD VPN-centric domain names during Global_VPN work (pre-1997) — the same constraint-based culling later producing the MIEVM short-list.

GunnySack *(Guaranteed User-group Network Nullifying Yieldless Service: Accredited Certified Knowledge)* — OTHERS · FUTURE · **LOCKED** Certified-bundled goods and services for COI / EMCI / EDF contexts.

SaleBuilders *(Smart-city Adaptive Living Engineering Banishing Untested Infrastructure — Laboratories Delivering Enduring Resilient Systems)* — OTHERS · FUTURE · **LOCKED** Community-level implementation of certified merit-based commerce.

★ **ESVRD** *(Empirical Scalable Vibrational Resonance Design)* — FUTURE Design methodology for resonance-frequency-targeted intervention at molecular scale; v4.0 grounded in Hyland 2025 epitaxial-semiconductor data and the McCraty HRV dataset. *(In legal/space instruments, the ESVRD line also underwrites the Space-Dominance / Vacuum-Resonant-Drive research.)*

1000-Year Future Map — FUTURE Long-term planning framework for regenerative living across millennial timescales; five phases: Foundation (2012–2050), Regional Networks (2050–2100), Continental Integration (2100–2500), Civilizational Maturity (2500–3025), and beyond.

HUOS *(Humanity's Unified Operating System)* — FUTURE Planetary protocol integrating EarnedPath, UBIMIA, and GAIA to synchronize collective human advancement.

ERI *(Emission / Environmental Resonance Index)* — OTHERS · FUTURE Emission-aligned resonance quantifier: ecological-impact assessment, SROC dynamic weighting, planetary health indicator. Range −1.0 to 1.0.

BERC *(Bio-Energetic Resilience Certification)* — SELF · FUTURE Certification of individual and community resilience capacity through BERA metrics; environmental rating F to A+.

PBJ *(PERC × BERC × JERC Tri-Codex)* — OTHERS · FUTURE Triple-certification framework integrating personal (PERC), bio-energetic (BERC), and jurisdictional/justice (JERC) resilience measures; also read as Planetary Boundary Justice.

PERC *(Personal Ecologic Ratings Codex / Personal Energy Resonance Codex)* — SELF · FUTURE Personal-tier ratings layer feeding the PBJ Tri-Codex; source of PERC-Day resonance-activation events and the PERCMARC epiphany distillation.

JERC *(Justice-Ethics Resonance Codex)* — OTHERS Remediation-ethics codex; the justice component of the PBJ Tri-Codex.

Oracle Networks — FUTURE Decentralized verification infrastructure for ARI/ERI measurement, SROC pricing, and governance validation.

FOO *(Family-of-Options)* — OTHERS · FUTURE Suite of tools within HUOS — ARI, GERP, the Meritcoin ledger, and integrated systems — providing options across implementation contexts.

TETRA *(Time Energy Trifurcation Reason Awareness)* — FUTURE Philosophical framework for temporal-energetic-rational dynamics in cybernetic systems. *(Variant: Tetrahedral Encoding for Transformative Resonance Alignment — §5.)*

★ AS = I.T. *(Whitepaper)* — SELF · OTHERS · FUTURE Positional-identity paper establishing the equivalence between Authentic Self and Information Technology — the personal is the technological.

EDF *(Earned Dignity Framework / Earth Defense Force / Earth Data Framework)* — OTHERS · FUTURE Context-dependent: a universal-dignity-baseline framework; a planetary-protection infrastructure; the GAIA archival system for environmental data; and an EarnedPath Defense Force protecting merit-system integrity.

Greenbox Relay — OTHERS · FUTURE Isolation architecture preventing harmful information flows (Dark-Matter SPEW) while maintaining semantic integrity in Question-Answer exchanges.

Harmonic Strata — OTHERS · FUTURE The CBGMODD seven-layer architecture viewed through harmonic-frequency alignment (PERC-Day).

Global Protectorate — FUTURE System for obtaining Earth's "permission" to interface with planetary systems ethically; Aurora-Borealis cipher protocol.

Bio-Electric Reality — SELF · FUTURE Core concept: measurable bioelectric phenomena (aura) define reality and intent.

Graceful Evolution — FUTURE System enabling non-punitive progress through Earth changes with minimal disruption and maximum learning.

Civigen *(Smart-City Resident)* — OTHERS · FUTURE Civic + Genesis: a smart-city resident who actively generates civic value through participation and contribution (vs. the anonymous Citizen).

GaiaPulse / PERCMARC — FUTURE Planetary resonance-feedback system distilling questions and answers through PERC analysis. GaiaPulse = planetary echo-ID; PERCMARC = resonance epiphany (distilled Answer-Question).

Operators *(System Stewards)* — OTHERS · FUTURE Individuals using the ARI Dashboard and ERES tools to monitor and improve community resonance; anyone earning their path through participation.

Syns *(Systemic Imbalances)* — OTHERS · FUTURE Systemic imbalances and knowledge flaws inherited from past generations — a play on "sins" and synchronization failures.

Semiosphere *(Meaning × Media ÷ Noise)* — FUTURE The meaning-environment in which all ERES communication operates; signal preservation through resonance alignment.

Protosphere *(Potential & Emergence)* — FUTURE The field of potential from which new ERES systems and concepts emerge.

Perciphere *(Perception & Interaction)* — SELF · OTHERS The perceptual interface between individual consciousness and systemic reality.

KOL *(Kernel of Love)* — SELF · OTHERS · FUTURE The affective core beneath NAC — the orientation that makes Graceful Evolution non-punitive; the "Kernel" the KERNEL OS is named to serve.

H2C2H *(Human-to-Computer-to-Human)* — SELF · OTHERS The interaction method NAC and the PlayNAC simulator run on: a human query passes through computation and returns to human judgment, never bypassing it.

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3 · Extended, technical & borrowed terms

Terms the corpus uses that are standard or cross-domain (recorded for completeness), plus additional ERES neologisms outside the core spine.

3.1 · Project & measurement borrowings

CPM — Critical Path Method (project sequencing; EarnedPath input). **WBS** — Work Breakdown Structure (decomposition; EarnedPath input). **PERT** — Program Evaluation & Review Technique; `PERT = (Optimistic + 4×Most_Likely + Pessimistic) / 6`. **GDP** — Gross Domestic Product; the extraction-biased metric NBERS is designed to replace. **IPFS** — InterPlanetary File System; distributed storage substrate for GAIA/GraceChain.

3.2 · Cryptographic & software stack

Homomorphic Encryption — computation on encrypted data without decryption; enables privacy-preserving ARI/BERA evaluation. **Merkle Trees** — hash-tree structure for tamper-evident ledgers (GraceChain). **Threshold Cryptography** — split-key schemes requiring a quorum to act; governance-key custody. **Zero-Knowledge Proofs** — prove a statement without revealing underlying data; identity/eligibility without surveillance. **Rust / Solidity / Python / TypeScript** — the KERNEL implementation stack (core / contracts / analytics / interfaces).

3.3 · Additional ERES neologisms

OWOLS *(Our Way Of Life Syndrome)* — the inherited default-culture inertia ERES interventions must overcome. **FBEA** *(Faith-Based Economic Algorithm)* — the faith-first, method-validated logic underlying Instrument-of-Faith economics (see IOF, MIEVM). **IOF** *(Instrument of Faith / Input-Output Function)* — dual: the faith-extended-then-validated posture of MIEVM; and the formal input→output mapping of a system. **GRS** *(GAIA Resource Score)* — the GAIA-tier resource valuation feeding NGI. **NGI** *(National / New GAIA Index)* — national-scale GAIA index aggregating GRS. **NHAM** *(Holistic Nomenclature-based Assessment Method)* — naming-driven assessment method for classifying instruments and states. **VOC** *(Value Of Currency / Volatile Organic Compound)* — dual, by context: monetary-value measure; and the environmental/air-quality marker. **SEPLTA(-HE)** *(Social · Economic · Political · Legal · Technical · Administrative [+ Health · Environment])* — cross-domain integration framework for evaluating any instrument's full footprint. **SPRT** *(Spiritual-Public-Record-Trust)* — the private/public "disguise" whose extraction into public record (via ERES epistemology) is the act of sharing true wealth. **SEPLTA-HE, PERC-Day, GaiaPulse** — see cross-references above. **Twin Messiah (JAS × EMA)** — JAS × EMA = 72 (gematria of "Joseph Allen Sprute"); 72 × 3 = 216 (full Triune expression); requires DAL as hinge. **72 Key Domains** — the CyberRAVE domain count equal to the "Joseph Allen Sprute" gematria; culled by TLD financial constraint during Global_VPN work (pre-1997). **Three Eras**

of ERES — CyberRAVE (pre-1997–2007, foundation); SaleBuilders (1997–2012, community implementation); ERES Institute (Feb 2012–present, formal research & publication).

4 · The Eight Immutable Ethical Principles

1. **Non-Harm Axiom** — no ERES system may harm individuals or communities. *(SELF · OTHERS)*
2. **Intergenerational Obligation** — all systems must serve future generations. *(FUTURE)*
3. **Ecological Primacy** — planetary health supersedes economic optimization. *(FUTURE)*
4. **Transparency Requirement** — all governance and economic processes must be visible. *(OTHERS)*
5. **Non-Punitive Remediation** — correction heals; it does not punish. *(SELF · OTHERS)*
6. **Universal Dignity Baseline** — every person has unconditional access to essential resources. *(SELF · OTHERS)*
7. **Democratic Sovereignty** — governance authority flows from the consent of the governed. *(OTHERS)*
8. **Adaptive Resilience** — all systems must evolve in response to feedback. *(FUTURE)*

5 · Master Acronym Index (A–Z, reconciled)

Canonical form first; **·variant·** entries record historical or context expansions found across the corpus so older documents remain readable. Standard/borrowed terms are marked *(std.)*.

Acronym	Canonical expansion	Notable variants / context forms
AOC	Articles of Cooperation	—
ARI	Aura Resonance Index	—
AS=I.T.	Authentic Self = Information Technology	—
BEC	Bio-Ecologic Cure (Architecture)	BEC-MM (Menstrual Matters)
BERA	Bio-Energetic Resonance Architecture	—
BERC	Bio-Energetic Resilience Certification	—
BEST	Bio-Electric Signature Time **(LOCKED)**	in NBERS context: Bio-Energetic/Social/Tech
CARE	Community Actuation Regeneration Equity	—
CBGMODD	Citizen·Business·Government·Military·Ombudsman·Dignitary·Diplomat	—
CCAL	CARE Commons Attribution License (v2.1)	—
CERTAIN	Certifiable Education in Relational Time AI Nexus	—
COI	Communities of Interest	Collective Optimal Intelligence
CPM	Critical Path Method *(std.)*	—
CyberRAVE	Cybernetic Ratings Abolishing Veiled Exchanges **(LOCKED)**	—

Acronym	Canonical expansion	Notable variants / context forms
DAL	Karen × Lucy + King (Sovereign Feminine Principle) **(LOCKED)**	·Decentralized Autonomous Legislature·
DOFA	Department of Family Amity	—
ECR	Erasure Completeness Ratio	—
ECVS	ERES Cybernetic Voting System	·Earned Citizenship Value System·
EDF	Earned Dignity Framework	·Earth Defense Force· ·Earth Data Framewo Federation·
EHSI	Ethical Human-System Integration	—
EMA	Ethical Moral Authority (Emanuel M. Alexiou)	Chief Social Engineer & Kingmaker
EMCI	Emergency Management Critical Infrastructure	—
EP	EarnedPath	—
EPIR-Q	Emotional Personal IQ — Real and Quantum	—
ERES	Empirical Realtime Education System	(institute) ERES Institute for New Age Cybe
ERI	Emission / Environmental Resonance Index	—
ERT	Existence Resonance Theory	—
ESVRD	Empirical Scalable Vibrational Resonance Design	(space line) Vacuum-Resonant-Drive / Space
EVOL	LOVE in Forward Evolutionary Motion	—
FAVORS	Fingerprint·Aura·Voice·Odor·Retina·Signature (biometric)	Foundation·Advocacy·Voice·Opportunity·Res (allocation lattice)
FBEA	Faith-Based Economic Algorithm	—
FDRV	Full Drive Resonance Vehicle	·First-Derivative Resonance Velocity (= d(AF ·Fly & Dive Recreational Vessel·
FOO	Family-of-Options	—
GAIA	Global Actuary Investor Authority	·Global Archival Intelligence Architecture· ·C Assistance·
GCF	Graceful Contribution Formula	—
GDP	Gross Domestic Product *(std.; replaced by NBERS)*	—
GEAR	Global Earth Applications Recorder / Register	—
GERP	Global Earth Resource Planner **/** Global Emergency Response Protocols	(both canonical — dual function)
GRS	GAIA Resource Score	—
GSCD	Global Smart-City Development	—
GSSG	Green Solar-Sand Glass / Graphene-Infused Sand-Glass	·Global Solar Strategy Grid·
GunnySack	Guaranteed User-group Network Nullifying Yieldless Service: Accredited Certified Knowledge **(LOCKED)**	—

Acronym	Canonical expansion	Notable variants / context forms
H2C2H	Human-to-Computer-to-Human	—
HFVN	Hands-Free Voice Navigation	·High-Frequency Vibrational Network·
HPE	Human-Performance Enhancement	—
HUOS	Humanity's Unified Operating System	—
IDIPITIS	Immutable Security Foundation (four-layer)	—
IOF	Instrument of Faith	Input-Output Function
IPFS	InterPlanetary File System *(std.)*	—
JERC	Justice-Ethics Resonance Codex	—
KERNEL	PlayNAC-KERNEL Operating System	—
KOL	Kernel of Love	—
LOGOS	Locational·Organizational·Governance·Operational·Societal	—
MCDA	Multi-Criteria Decision Analysis *(std.)*	—
MIEVM	Multi-Instance Ensemble Validation Methodology	—
NAC	New Age Cybernetics	—
NBERS	National Bio-Ecologic Resource Score	·New Bio-Energetic Rating System·
NGI	National / New GAIA Index	—
NHAM	Holistic Nomenclature-based Assessment Method	—
NPR	Non-Punitive Remediation / Neuroplastic Reality	(legal) National Priorities Realignment
NPSET	Networked Personal Simulation Environment Technology	—
NRP	Natural Resonance Processing	—
OWOLS	Our Way Of Life Syndrome	—
PBJ	PERC × BERC × JERC (Tri-Codex)	Planetary Boundary Justice
PERC	Personal Ecologic Ratings Codex / Personal Energy Resonance Codex	—
PERCMARC	Resonance Epiphany (distilled Answer-Question)	—
PERT	Program Evaluation & Review Technique *(std.)*	—
PlayNAC	Platform for NAC Game Theory (NAC × Game Theory)	·Planetary Adaptive Yield Network for Auton Cooperation·
RCI	Resonant Continuity Index	—
REACI	Resonant-Ecologic Adaptive Civic Infrastructure	—
REEP	Relative Energy Equal Pay	—
REEPER	REEP + Emergency Room	—

Acronym	Canonical expansion	Notable variants / context forms
RHC	Resonant Harmony Cycle **(LOCKED — never "Cybernetics")**	—
SCALULAR	Scalable Certification Architecture for Lifelong Universal Learning and Adaptive Resilience **(LOCKED)**	—
SaleBuilders	Smart-city Adaptive Living Engineering Banishing Untested Infrastructure—Laboratories Delivering Enduring Resilient Systems **(LOCKED)**	—
SECUIR	Silent Energy Circular Universe Infinite Rotation	·Secure Ecological Urbanism Infrastructure· Clearance User Integrity Rank·
SEPLTA(-HE)	Social·Economic·Political·Legal·Technical·Administrative (+Health·Environment)	—
SMAS	Sustainable Merit Allocation System	(in #45) Specific Meaning Application Syste
SOMT	Sociocratic Overlay Metadata Tapestry	·Synthesis of Moral Trends·
SPRT	Spiritual-Public-Record-Trust	—
SPT	SPT Papers (five novel contributions, Mar 2026)	Security · Privacy · Trust
SROC	Smart-Resonant Offset Contract	·Smart Registered Offset Contract· (prior co
SSSC / SSHP / SSLA / SSPS / SSST	SCALULAR base cert / Health / Law / Protection / Skills-Trade	—
TETRA	Time Energy Trifurcation Reason Awareness	·Tetrahedral Encoding for Transformative Re Alignment·
THOW	Tiny Homes On Wheels	—
UBIMIA	Universal Basic Income + Merit + Incentives + Awards	—
VERTECA	Voice-Enabled Real-Time Earned Contribution Architecture	·Hands-Free Vertical-Industries Environmen Ecological Agriculture·
VLSA	Fractal Scalability Validation ("THOW → generation ship")	—
VOC	Value Of Currency	Volatile Organic Compound *(std.)*
WBS	Work Breakdown Structure *(std.)*	—
W-I-S	Water · Immigration · Security (as SUGAR control)	—

6 · Master Equation Index

#	Name	Expression	Domain
1	Core Cybernetic (Triune Key #1) **LOCKED**	C = R × P / M	Universal

#	Name	Expression	Domain
2	Triune Key #2 **LOCKED**	M × E + C = R	Conflict resolution
3	REAL (Triune Key #3) **LOCKED**	REAL = (E · M · R) / (T · S) — no repeated letters	Reality coherence
4	Resonance	Resonance = (ARI + ERI) / 2	Systemic harmony
5	ARI	ARI = (Biometric + Environmental + Behavioral) / 3	Individual wellbeing
6	ERI	ERI = (Target_Emissions − Current_Emissions) / Target_Emissions	Ecological health
7	FDRV (velocity sense)	FDRV = d(ARI)/dt + d(ERI)/dt	Rate of resonance change
8	EarnedPath	EP = CPM × WBS + PERT	Competency progression
9	PERT	PERT = (Optimistic + 4 × Most_Likely + Pessimistic) / 6	Estimation under uncertainty
10	UBIMIA	UBIMIA = Basic + (Merit × Multiplier) + Incentives + Awards	Economics
11	GCF	GCF = UBI + Merit × Investment ± Awards	Economics
12	Merit	Merit = Verified_Actions × Community_Multiplier × Time_Factor	Merit accrual
13	SOMT	SOMT = Σ(Input_i × Resonance_Weight_i) / Ethical_Constraints	Governance synthesis
14	SROC	SROC_Value = Baseline_Credits × f(ARI, ERI)	Environmental
15	REACI	REACI = (ARI_Impact + ERI_Compliance + Circularity) / Resilience	Infrastructure
16	GERP allocation	GERP = f(Population_Needs, Planetary_Capacity, Intergenerational_Equity)	Planetary planning
17	Vacationomics	Vacationomics = SOMT × BERC × (ERI/ARI)	Leisure economics
18	RCI	RCI = P_Ω_norm × ARI_sys × VibConst	Continuity
19	DAL **LOCKED**	DAL = Karen × Lucy + King	Governance
20	NAC identity	NAC = Governance × Design × Sentience	Framework
21	PlayNAC identity	PlayNAC = NAC × Game Theory	Platform
22	Twin-Messiah gematria	JAS × EMA = 72 ; 72 × 3 = 216	Symbolic architecture

7 · Locked-Terms Registry

Permanently locked — may not be altered in any translation, adaptation, or derivative work:

Term	Locked form
RHC	Resonant Harmony Cycle (never "Cybernetics")
BEST	Bio-Electric Signature Time
Meritcoin	Proof-of-Resonance (not Proof-of-Work)
CyberRAVE	Cybernetic Ratings Abolishing Veiled Exchanges
GunnySack	Guaranteed User-group Network Nullifying Yieldless Service: Accredited Certified Knowledge
SaleBuilders	Smart-city Adaptive Living Engineering Banishing Untested Infrastructure—Laboratories Delivering Enduring Resilient Systems
SCALULAR	Scalable Certification Architecture for Lifelong Universal Learning and Adaptive Resilience
Triune Key #1	C = R × P / M
Triune Key #2	M × E + C = R
Triune Key #3	REAL = (E · M · R) / (T · S) — no repeated letters
VLSA	"If it works in a THOW, it works on a generation ship"
DAL	Karen × Lucy + King
Golden Share	1% irreducible

8 · Credits & License

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ERES TERMS #48 — The Talonic NAC Lexicon. This document is an index-key onto the ERES corpus, not a closed set of definitions. Every term resolves back to one center: a rising abundance floor across a 1000-Year Future Map.