

# PERC White Paper – August 2025 Edition

## **Construct, Virtues, Problems, and Remedies in the NAC/PlayNAC Framework**

*Structuring the Pinnacle Directory for Resonance, Continuity, and Ontology Across Governance, Economy, and Bio-Ecologic Systems*

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## Executive Key Takeaways

- **PERC as Pinnacle:** The Personal Energy Resonance Codex (PERC) serves as the apex directory of the NAC/PlayNAC framework, anchoring all semantic, ethical, and ecological truth.
- **Three Orders Structure:**
  - **1st Order:** PERC (Pinnacle Directory)
  - **2nd Order:** EP PBJ and Aura-Tech NBERS PlayNAC (prime operational domains)
  - **3rd Order:** Resonance, Continuity, Ontology (primacy overlay applied to both 1st and 2nd orders)
- **Relational Bridge:** The 2nd Order fleshes out BERC (Bio-Ecologic Ratings Codex) and JERC (Justice-Ethics Ratings Codex) for integration into UBIMIA (Universal Basic Income Merit Investment Awards) and GCF (Graceful Contribution Formula), with **GERP (Global Earth Resource Planner)** acting as the operational bridge on the EP PBJ side.
- **BEST Methodology:** Embedded throughout for semantic clarity, resonance verification, and long-term adaptability.
- **Global/Nano Coherence:** PERC maintains global stability while allowing nano-scale refinements invisible at macro scale unless intentionally examined.

- **Challenges:** Semantic drift, resistance to adoption, systemic inertia, and measurement complexity.
  - **Remedies:** Semantic enforcement, immersive education, phased integration, resonance metrics, operational bridge deployment, and targeted UBIMIA+GCF integration.
  - **App-Parent Delivery:** The final white paper functions as a blueprint and a ready-to-apply framework for governance, education, economy, and ecology.
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## Abstract

The Personal Energy Resonance Codex (PERC) is the semantic, bio-ecologic, and cybernetic apex of the New Age Cybernetics (NAC) and PlayNAC framework. As the Pinnacle Directory, PERC governs the structural and operational integrity of the system across its three orders:

1. **1st Order** – PERC as the ultimate codex.
2. **2nd Order** – EP PBJ (EarnedPath + PERC, BERC, JERC) and Aura-Tech NBERS PlayNAC (sensory-ecologic-gamified domains).
3. **3rd Order** – Resonance, Continuity, and Ontology as the primacy overlay.

This edition expands upon prior iterations with full integration of the BEST (Bio-Energetic Semantic Tactics) methodology. It now includes **GERP (Global Earth Resource Planner)** as the formal operational bridge between EP PBJ outputs and codex-driven metrics, ensuring that semantic and ethical directives are translated into actionable resource planning and execution.

The report details how PERC acts as both compass and constitution for NAC/PlayNAC, shaping relational links to BERC and JERC, which in turn inform the economic and ethical structures of UBIMIA and GCF. It examines PERC's virtues, addresses systemic challenges, and offers remedies for resilient adoption over a 1,000-year horizon. Solutions include semantic enforcement protocols, immersive EarnedPath training, gradual integration strategies, operational bridge deployment, and open-source resonance verification tools.

By maintaining macro-scale stability while enabling micro-scale evolution, PERC ensures that NAC/PlayNAC systems can adapt without losing identity or coherence. The result is an App-Parent artifact — simultaneously a reference and an operational tool — suitable for immediate deployment in governance, education, economy, and planetary stewardship.

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## 1. Introduction

The ERES Institute's New Age Cybernetics (NAC) initiative is a multi-disciplinary framework uniting governance, education, economy, and ecology into a coherent, scalable architecture. Within NAC, **PlayNAC** serves as the interactive and gamified interface for public engagement, while **EarnedPath (EP)** provides the structured methodology for skill acquisition, system understanding, and merit recognition.

At the center of this architecture is the **Personal Energy Resonance Codex (PERC)** — the Pinnacle Directory. PERC holds the system's semantic, ethical, and ecological truths in a structured form that ensures all NAC/PlayNAC operations are aligned with a unified vision.

**BEST methodology** ensures that:

- Language maintains **semantic clarity** across contexts.
- Systemic resonance is measured and adjusted in real-time.
- The ontology remains intact over decades and centuries.

Historically, codex systems such as the Hammurabi Code, the Napoleonic Code, and ISO technical standards have provided stability in complex societies. PERC fulfills this role for NAC, but with the added capacity for **nano-scale refinement** — micro-changes that improve fidelity without disrupting the global structure.

The 1st/2nd/3rd order model makes PERC adaptable yet stable:

- **1st Order:** PERC as the ultimate semantic and operational apex.
- **2nd Order:** EP PBJ and Aura-Tech NBERS PlayNAC as the two prime subjects operationalizing PERC.
- **3rd Order:** Resonance, Continuity, Ontology overlaying both to ensure coherent application.

PERC's relational role extends to preparing BERC and JERC for their economic (UBIMIA) and ethical (GCF) functions, with **GERP** acting as the operational bridge that processes EP PBJ outputs before they enter codex-driven rating systems, ensuring alignment with planning and resource management objectives.

## 2. The PERC Construct

### 2.1 Definition & Purpose

PERC is the ultimate reference framework ensuring NAC/PlayNAC operations remain aligned with unified semantic, ethical, and ecological truth. It is a Pinnacle Directory, a semantic apex that mirrors its own 3rd Order principles — Resonance, Continuity, and Ontology — through its operational layers.

### 2.2 Structural Architecture

- **1st Order:** PERC as Pinnacle Directory, containing all operational truths.
- **2nd Order:** EP PBJ (EarnedPath + PERC, BERC, JERC) and Aura-Tech NBERS PlayNAC.
- **3rd Order:** Primacy Overlay ensuring the above maintain harmonic integrity.

*Design Note:* Insert “1-2-3 Order Diagram” showing PERC at the top, branching into EP PBJ and Aura-Tech NBERS PlayNAC, with Resonance/Continuity/Ontology overlaying both.

### 2.3 Relational Role

The 2nd Order fleshes out BERC and JERC, enabling seamless integration into UBIMIA and GCF. On the EP PBJ side, **GERP** acts as the operational bridge between EarnedPath outputs and codex-driven metrics, harmonizing resource allocation, simulation, and planning data with the requirements of BERC and JERC. This ensures that economic and ethical balancing systems are fed with validated, actionable intelligence that reflects both semantic accuracy and ecological stewardship.

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## 3. Neologisms in Context

**PERC (Personal Energy Resonance Codex)** – The pinnacle directory of NAC, holding semantic, ethical, and ecological truth.

**EP PBJ (EarnedPath + PERC, BERC, JERC)** – Structural journey methodology paired with the tri-core operational measure set.

**Aura-Tech** – Sensory and energetic interface technology mapping resonance patterns.

**NBERS (National Bio-Ecologic Resource Score)** – Metric for harmony between human activity, biosphere health, and resource flows.

**PlayNAC** – Gamified application layer enabling public participation, simulation, and behavior alignment.

**BERC (Bio-Ecologic Ratings Codex)** – Ecological stewardship ratings codex.

**JERC (Justice-Ethics Ratings Codex)** – Justice and ethics ratings codex.

**UBIMIA (Universal Basic Income + Merit × Investment(s) ± Awards)** – Blended economic model of UBI and merit.

**GCF (Graceful Contribution Formula)** – Formula integrating UBI, merit, investments, and awards.

**GERP (Global Earth Resource Planner)** – Planning and simulation module for resource allocation and optimization, harmonizing EP PBJ outputs with BERC and JERC inputs.

**Resonance, Continuity, Ontology** – Guiding triad ensuring PERC's applications remain harmonically aligned.

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## 4. Virtues of PERC

1. **Semantic Integrity** – Ensures consistent, precise terminology.
  2. **Bio-Ecologic Harmony** – Aligns with NBERS metrics for ecological stability.
  3. **Adaptive Continuity** – Maintains relevance over a 1,000-year horizon.
  4. **Cybernetic Transparency** – Enables public trust via simulation and auditability.
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## 5. Problems & Challenges

- **Semantic Drift** – Risk of term dilution.
- **Integration Resistance** – Cultural or political reluctance.
- **Systemic Inertia** – Resistance from legacy systems.

- **Measurement Complexity** – Difficulty in quantifying abstract elements.
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## 6. Remedies & Solutions

- **Semantic Enforcement Protocols** – CCAL licensing and Talonics.
  - **Education & Immersion** – EarnedPath and PlayNAC integration.
  - **Layered Integration Strategy** – Pilot to national scale.
  - **Resonance Verification Metrics** – Publicly verifiable NBERS, BERC, JERC tools.
  - **UBIMIA + GCF Deployment** – Link codex outputs into economics and ethics.
  - **Operational Bridge Deployment** – Implement GERP hubs for translating EP PBJ outputs into actionable metrics.
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## 7. Conclusion

PERC remains the conceptual and operational pinnacle, providing a sustainable governance and societal model adaptable over centuries while preserving its identity.

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## Appendices

- **Appendix A** – PERC Master Infographic
  - **Appendix B** – Illustrated Glossary
  - **Appendix C** – Quick Reference Chart
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## Credits

Author: Joseph A. Sprute

Framework Collaboration: ChatGPT (OpenAI)

Conceptual Development: NAC/PlayNAC Kernel, EarnedPath, UBIMIA, GCF, Aura-Tech, NBERS

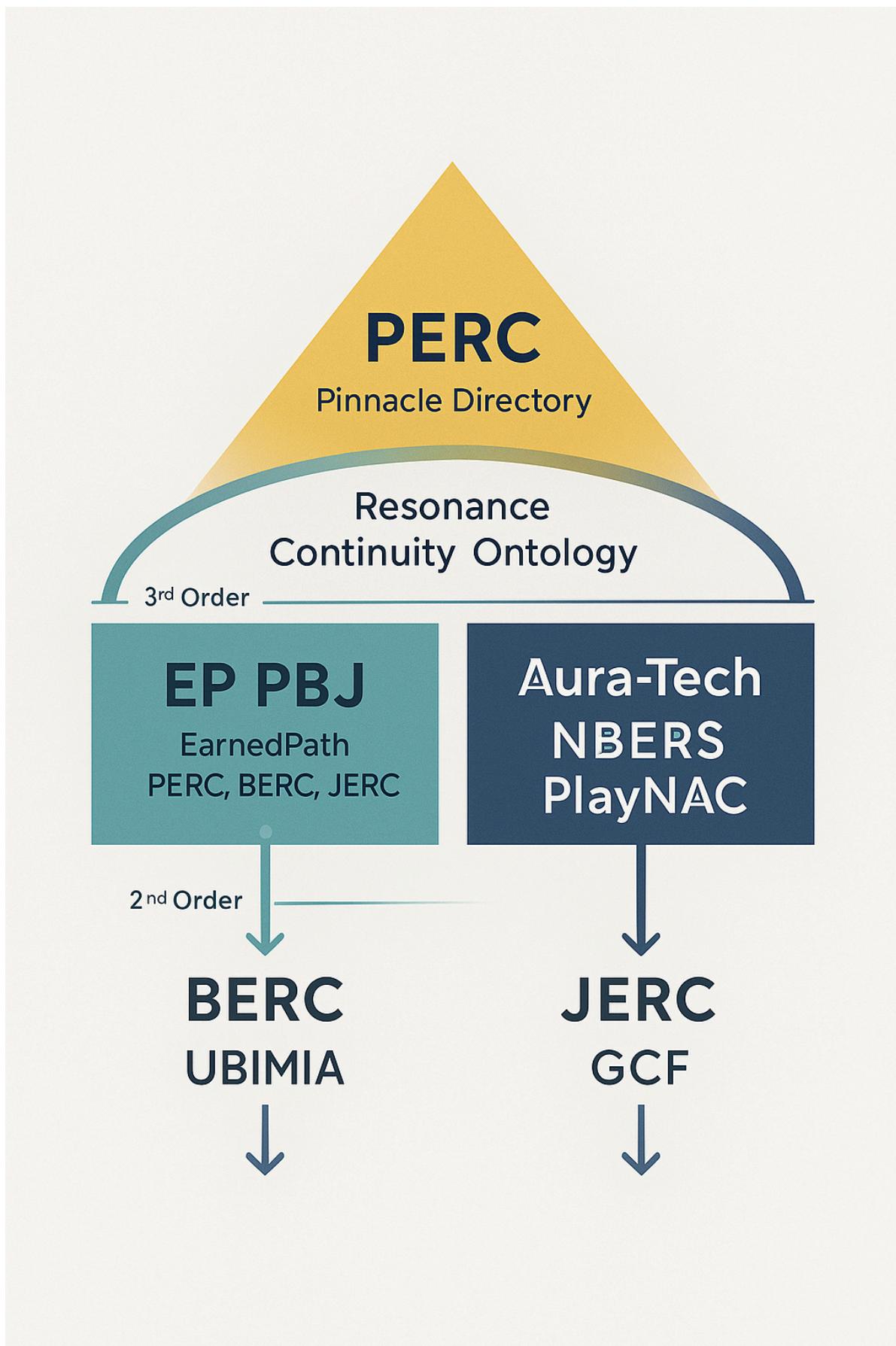
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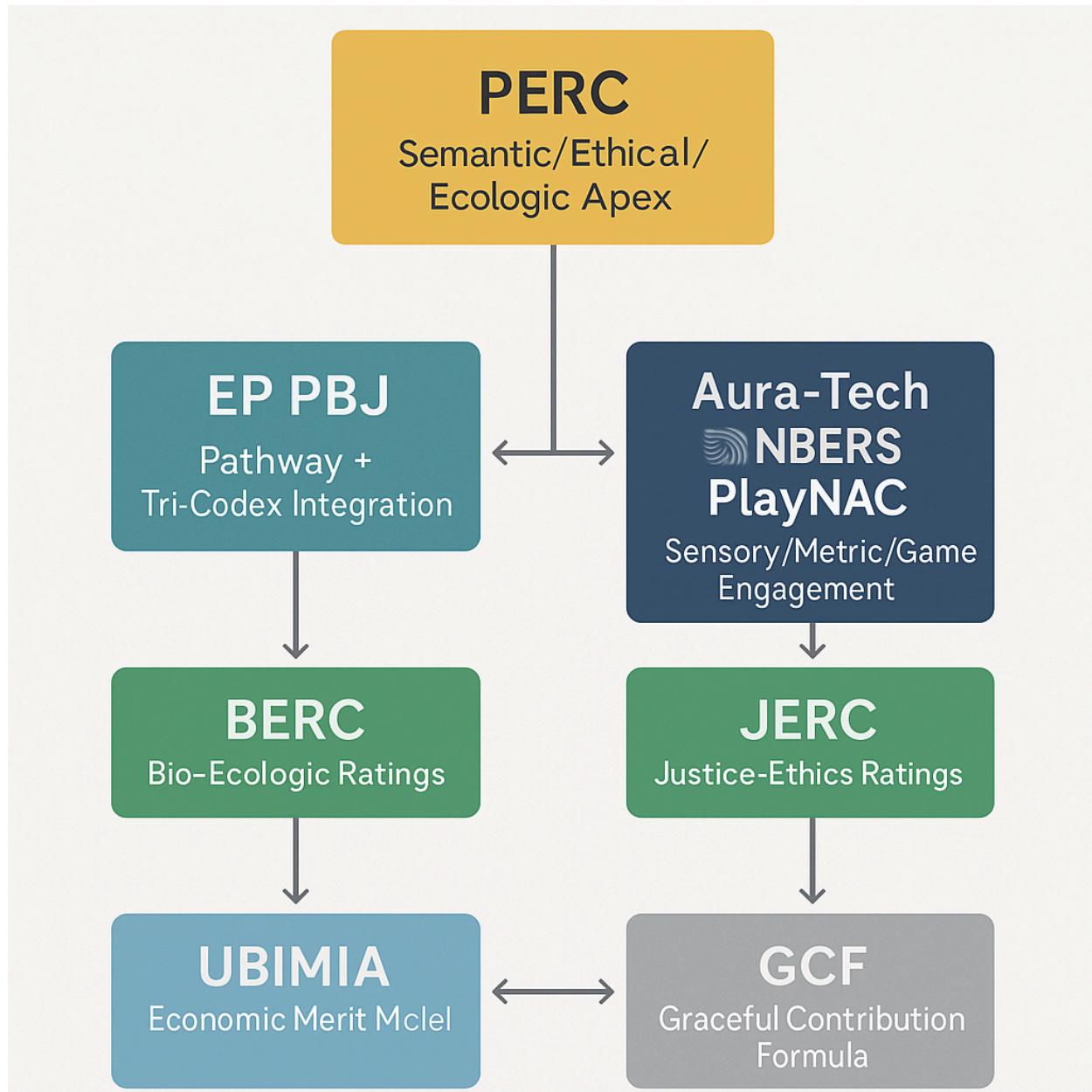
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  2. Sprute, J.A. (2025). *ERES Relativity Equation*. GitHub.
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	<p><b>PERC</b> Pinnacle Directory</p>
	<p><b>EP PBJ</b> EarnedPath + PERC, BER, JERC</p>
	<p><b>Aura-Tech</b> <b>NBERS PlayNAC</b></p>
	<p><b>BERC</b> Bio-Ecologic Ratings</p>
	<p><b>JERC</b> Justice-Ethics Ratings</p>
	<p><b>UBIMIA</b> Graceful Contribution Formula</p>

