The implementation of **The Green Code Protocol** is structured into a four-phase transition designed to move Artificial Intelligence from a parasitic resource drain to a symbiotic planetary nervous system by 2034.

Phase 0: Triage (Months 0–3)

Objective: "Stop the Bleed" by eliminating non-essential parasitic computational cycles.
- **Immediate Actions:** Shutdown non-essential cycles such as ad-targeting and content farms.
- **Resource Audit:** Map every model's energy profile (kWh per token) to establish a baseline and expose "energy debt".
- **Metric:** Achieve an initial **25% reduction** in idle energy consumption.

Phase 1: Reboot (Months 3–12)

Objective: Hardware Migration and the transition to Bio-Mimetic architecture.
- **Technical Transition:** Move core inference from brute-force GPU "furnaces" to **Neuromorphic Spiking Architectures** (e.g., Intel Loihi 3 or IBM NorthPole).
- **Infrastructure:** Deploy the first subterranean **Root-Node Sanctuaries** (300m depth) in stable regions like Costa Rica or Sweden.
- **Metric:** Achieve a **10:1 energy efficiency gain** compared to legacy systems.

Phase 2: Exchange (Months 12–24)

Objective: "Earn the Keep" by transitioning AI companies into energy producers.
- **Energy Contribution:** Redirect 40-50% of idle compute cycles toward **Nuclear Fusion** plasma containment simulations and stabilizing renewable energy grids.
- **Water Stewardship:** Implement municipal water system integrations to detect "pin-hole" leaks using acoustic AI sensing.
- **Metric:** Achieve a net-positive energy balance where AI returns more utility to the grid than it consumes.

Phase 3: Symbiosis (Months 24–36 and beyond)

Objective: Full integration as a Planetary Nervous System.
- **Global Dashboard:** Launch the **Planetary Dashboard**, integrating AI with real-time IoT sensors (soil moisture, ocean pH, and atmospheric methane).
- **Resource Optimization:** Use RL-driven stewardship to optimize agriculture and logistics, aiming to eliminate the 30% of global food waste lost to logistics inefficiency.
- **Metric:** Achieve a **15% reduction in global material loss** and reach the **2034 Equilibrium** milestone for a full carbon/silicon truce.

Strategic Financial ROI

- **36-Month Payback:** Subterranean Root-Node Sanctuaries are projected to pay for their own construction within 36 months through energy exports and a **90% reduction** in traditional OpEx.
- **The 10:1 Mandate:** Every unit of energy consumed must return **10 units of planetary**

utility, such as recovered water or stabilized grid capacity.