

EXECUTIVE SUMMARY: Photini

Family Higher-Level Principles for Ethics & Compliance v1.0



Photini Family embeds **human rights**, trauma-informed AI, and compliance-by-design into every technical decision—from day one, not as an afterthought.

Core Philosophy

"Quality, trust, and data integrity with AI hand-in-hand with humans; misinformation is more dangerous than responsible data sharing."

What Makes This Unique

1. **Trauma-Informed AI Governance** - First framework to integrate child trauma sensitivity as technical control
2. **AI-Human Co-Pilot Model** - Human primacy with AI augmentation, not replacement
3. **Maslow-Aligned Ethics** - Supreme Principles rooted in hierarchy of human needs
4. **Living Compliance Architecture** - Three-phase Entry→Process→Exit loops with continuous innovation feedback
5. **Audit-ready from day one** with 11 tables documented, 20-role RBAC, and ISO 27001 roadmap—ethics = competitive advantage

Core Legal Framework

Hierarchy Principle (UNCRC Art. 41): When laws conflict, the **highest protective standard always governs**—international conventions override weaker local rules. Every decision defaults to the child's best interests and Maslow's psychological needs.

Supreme Norms: Human dignity, child autonomy, trauma-informed design, and transparency are non-negotiable across all products and partnerships.

Supreme Principles - The "Highest Standard Wins" Doctrine

In all cases of conflicting standards or laws, Photini Family defaults to the highest available standard of child protection—whether UNCRC, international human rights conventions, or constitutional/local child welfare law. When in doubt, the child's best interest and intrinsic rights are decisive.

Regulatory Alignment

- International Human Rights: UNCRC (1989) Arts. 3, 9, 12, 19, 34, 37 | UN Charter (1945) Art. 55(c) | UDHR (1948) | ICCPR (1966)
- European Union: EU AI Act (2024) Arts. 5, 9, 13, 14 | GDPR (2016/679) Arts. 5, 12-14, 25, 32, 35 | Digital Services Act (2024/2025) Art. 28 | EU Charter Arts. 1, 20-21, 24
- European Human Rights: ECHR (1950) Arts. 3, 6, 8, 13, 14 — Critical for Nordic child-protection jurisprudence (24+ Norway ECtHR rulings)
- Nordic Data Protection: SE, NO, DK, FI, IS national frameworks aligned with GDPR + enhanced child-protection standards
- ISO Standards: Security & Privacy (27001, 27701, 27018, 27799) | AI Governance (42001, 23894) | Privacy Framework (29100)
- U.S. Regulations (Future): California CCPA (2018) + ADMT (2025 draft) — Referenced for future U.S. market only; not binding until final adoption

Technical Architecture (Production-Ready)

- **Encryption:** AES-256 (at rest) + TLS 1.3 (in transit)
- **Access Control:** 20-role RBAC model with granular permissions
- **Privacy:** Dynamic consent, data minimization by default, automated PIAs
- **Evidence Management:** Forensic-grade chain-of-custody, immutable audit logs (SHA-256)
- **Human-in-Loop:** AI confidence <95% triggers mandatory human review for high-impact decisions

AI Safety Controls (Annex A - Risk Threshold Matrix)

Risk Domain	Threshold	Human Review Trigger
AI Decision Confidence	<95%	High-impact decisions (custody, asylum, evidence)
PII Exposure	Hash mismatch	Evidence integrity breach
Trauma Language	Score <70/100	Child-facing communications
Access Anomalies	5+ attempts/hour	Security escalation

*Full matrix in Technical Annex A with quarterly threshold refinement

Governance Structure

- **Current:** Founder + AI Ethics Committee (6 virtual agents: Compliance, Legal, CTO, CIO, Internal Audit, Ethics; Virtual agents = specialized AI advisors simulating multi-stakeholder review; human founder retains final decision authority)
- **Future:** External ethics advisors, independent audits, public transparency reports

Implementation Status

- **Phase 1 (Oct 2025-Mar 2026):** Foundation - IN PROGRESS
- **Phase 2 (Apr-Sep 2026):** MVP + pilot cases
- **Phase 3 (Oct 2026-Mar 2027):** ISO certifications
- **Phase 4 (Apr 2027+):** Global scale

Investment Roadmap

Phase	Timeline	Budget	Funding Source	Key Milestones
1: Foundation	Oct 2025- Mar 2026	\$0	Founder	Backend complete, GitHub docs live
2: Pilot	Apr- Sep 2026	\$50K	Grants/Angels	3 NGO pilots, MVP validation
3: Certification	Oct 2026- Mar 2027	\$100-150K	Seed/Impact VC	ISO 27001/27701/42001 audits
4: Scale	Apr 2027+	Revenue + Series A	Growth capital	Nordic expansion, govt contracts

* Full Investment Roadmaps: Section 8 - Implementation Roadmap

** Capital Efficiency: Phase 1 complete with \$0 raised—ethics as infrastructure, not overhead.

Current Traction (Phase 1 - Jan 2026)

Completed:

Backend architecture (Xano, 11 tables, 20 roles, 8 modules documented)

Public compliance documentation (GitHub: 80+ pages, 590 loc)

Higher-Level Principles v1.0 + Executive Summary

Backend Source-of-Truth (API specs, RBAC matrix, compliance hooks)

In Progress:

MVP pilot partner recruitment (targeting 3 NGOs by Q2 2026)

Privacy notice & consent flow templates

ISO 27001 self-assessment (external audit Q3 2026)

Key Metric: \$0 raised, 3 years of Nordic child-protection research, 1 legislative win (Finland FGM/forced marriage criminalization, 2024)

Innovation Differentiators

- Public GitHub documentation of compliance architecture
- Quarterly transparency reports
- "Continuous Care Feedback" culture (not whistleblowing)
- Compliance quality without wealth—commitment over capital

Market Timing: Why Now?

Regulatory Convergence (2025-2027)

- EU AI Act enforcement begins (Aug 2024 → full compliance 2026-2027)
- Digital Services Act (Art. 28 Minors Protection) live (Feb 2024)
- Nordic child-welfare reforms accelerating (Norway: 36 ECtHR rulings → systemic overhaul pressure)
- EU Child Welfare standards harmonization (expected 2027-2028)

First-Mover Advantage: 24-month window to become the **reference standard** for compliance-by-design in child-protection tech before competitors enter.

Market Gap: €500M+ addressable (EU mandatory compliance procurement) + €50M+ immediate (NGO licensing). No existing solution integrates trauma-informed AI + UNCRC compliance + ISO-ready architecture.

For Stakeholders

- **Investors:** Audit-ready from day one; ethics = competitive advantage
- **NGO Partners:** Trauma-informed, culturally sensitive, children's-rights-first approach
- **Auditors:** ISO-mapped controls, public audit trails, living documentation
- **Developers:** Open-source compliance toolkit (future); learn from our journey

Contact: info@photini.org | hello@photini.family

Resources: www.photini.org | www.photini.family | (Coming soon)



Documentation: github.com/Hidikoo/Photini-Go-Driver

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