

**EU AI ACT ANNEX VIII**

**High-Risk AI System Registration**

*Pre-Registration Package for EU Database Submission*

**SECTION 1: Provider Information**

Provider Name	Nrutseab Ltd.
Registration Number	15647563
Legal Form	Private Limited Company
Registered Address	128 City Rd, London EC1V 2NX, UK
Contact Person	Chief Compliance Officer
Email	compliance@nrutseab.com
Phone	[To Be Completed]
Website	https://nrutseab.com
EU Representative (if non-EU)	[To Be Designated]

**SECTION 2: AI System Information**

System Name	Nut AGI Framework
System Version	v.1
Unique Identifier	NUT-AGI-001-v0.1
Release Date	Planned: July 7, 2026 (Public Launch)

**SECTION 3: Intended Purpose**

**Primary Purpose:**

Self-evolving Artificial General Intelligence (AGI) for enterprise cognitive automation, financial risk management, creative production, and scientific research acceleration.

**Specific Use Cases:**

- Enterprise strategic foresight and decision support
- Financial portfolio optimization and risk assessment
- Credit scoring and lending decisions (high-risk per Annex III)
- Employment screening and performance evaluation (high-risk per Annex III)
- Creative content generation and optimization
- Multi-modal data analysis and hypothesis generation

**SECTION 4: High-Risk Classification**

High-Risk Status	YES
Annex III Categories	• Credit scoring and creditworthiness evaluation (Annex III, 5(b)) • Employment decisions (recruitment, promotion) (Annex III, 4) • Access to essential services (Annex III, 5(a))
Justification	Nut AGI's applications in financial services (credit, portfolio management) and HR (recruitment, performance evaluation) meet the criteria for high-risk classification under EU AI Act Annex III.

**SECTION 5: Conformity Assessment**

Assessment Status	Pre-Assessment Phase (Planned Q4 2025)
Assessment Method	Internal conformity assessment (Art. 43) + Third-party validation
Notified Body (if applicable)	[To Be Determined - Required for certain high-risk applications]
CE Marking	Planned for pre-market deployment (Q4 2025)

**SECTION 6: Technical Documentation Summary**

**Reference Documents:**

- Technical Documentation (Annex IV): See [nut.nrutseab.com](https://nut.nrutseab.com)
- Risk Management File: See [Nut\\_AGI\\_Risk\\_Management\\_File.docx](#)
- Data Governance File: See [Nut\\_AGI\\_Data\\_Governance\\_File.docx](#)
- Human Oversight Procedures: See [Nut\\_AGI\\_Human\\_Oversight\\_Procedures.docx](#)
- DPIA (Data Protection Impact Assessment): Completed per GDPR Art. 35

**Architecture Overview:**

- Foundation Kernel: Neuro-Symbolic Memory Graph (NSMG), Continuous Evolution Engine (CEE)
- Orchestration Layer: Task routing, Risk Mitigation Core (RMC), Safety Net Protocol (SNP)
- Domain Interface Modules: Finance DIM, Creative DIM, Enterprise DIM

**SECTION 7: Data Governance Summary**

- Training data sources: Public datasets, licensed commercial data, synthetic data, partner data (with consent)
- PII handling: Automatic detection, anonymization/pseudonymization, k-anonymity (k≥5)
- Bias mitigation: Adversarial debiasing ( $\lambda=0.01$ ), continuous fairness audits, third-party testing (Q4 2025)

- Data subject rights: GDPR-compliant access, rectification, erasure, portability, objection
- International transfers: Standard Contractual Clauses (SCCs), Transfer Impact Assessments (TIAs)

## **SECTION 8: Human Oversight Summary**

- Safety Net Protocol (SNP): GAN-based critic, 95% confidence threshold (99.5% for deployment)
- Role-based oversight: AI Safety Monitors, Domain Experts, Compliance Auditors, Ethics Committee
- Kill-switch procedures: Multi-level authority (Monitor → CTO → CEO/Board)
- Oversight training: Initial 24 hours + quarterly refreshers + annual recertification

## **SECTION 9: Transparency Measures**

- User-facing disclosures: AI interaction notices (EU AI Act Art. 50)
- Content labeling: China generative AI labeling (explicit + implicit metadata)
- Audit trails: SHA-256 cryptographic hashing, immutable ledgers, Merkle tree audits
- Public documentation: Technical whitepaper, transparency statements, safety protocols

## **SECTION 10: Post-Market Monitoring**

- Continuous performance monitoring with drift detection
- User complaint tracking and incident response (24-hour escalation)
- Quarterly bias audits and fairness assessments
- Annual safety review and transparency reporting
- Regulator access to real-time audit logs

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**Hilde Chew**

Chief Executive Officer, Nrutseab Ltd.

Date: January 30, 2026

**NOTE:** *This pre-registration package will be submitted to the EU AI Act database once the portal becomes operational. All information is subject to verification and may be updated based on validation results.*