



GED Enterprise 1.0

Corporate Roadmap • Full Version

Executive Summary

This document presents the complete corporate roadmap for the GED Enterprise platform. It includes architecture, workflow expansion, security requirements, infrastructure design, timeline, and cost estimation needed to deploy the system to medium and large companies, including Petrobras and Transpetro vendors.

Architecture Diagram

Below is a simplified conceptual architecture of the GED Enterprise system.

WEB UI (Django Templates)

REST API / Django Backend

Database (PostgreSQL)

Phase 1 — Corporate Security & Governance

- SSO / OAuth2 / Azure AD integration
- RBAC role-based access control
- Advanced audit logging (downloads, views, changes)
- Corporate compliance alignment

Phase 2 — Professional GED Core

- Version comparison
- Advanced metadata & indexing
- Full-text search
- PDF viewer with annotations

Phase 3 — Workflow Enterprise

- Customizable workflows
- Multi approver / multi reviewer
- SLA tracking
- Automation and notifications

Phase 4 — Infrastructure & Scalability

- Docker / Kubernetes
- Multi-tenant architecture
- Cloud deploy AWS/Azure/GCP
- Backup, restore & disaster recovery

Phase 5 — Artificial Intelligence

- OCR text extraction
- Automatic metadata detection
- Revision analysis
- Semantic search

Project Timeline

| Phase | Duration | Status |
|---------|----------|---------|
| Phase 1 | 4 weeks | Planned |
| Phase 2 | 6 weeks | Planned |
| Phase 3 | 8 weeks | Planned |
| Phase 4 | 6 weeks | Planned |
| Phase 5 | 6 weeks | Planned |

Cost Estimation

Phase 1: \$8,000

Phase 2: \$12,000

Phase 3: \$18,000

Phase 4: \$15,000

Phase 5: \$20,000

Total Estimated Investment: \$73,000

(Varies with environment, integrations, and compliance requirements)