



# 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)