

Finanzas SD - Overview / Resumen ejecutivo

Finanzas SD - Architecture, Flows & SOPs
Arquitectura, Flujos y Procedimientos

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1 Finanzas SD - Overview / Resumen ejecutivo

1.1 Purpose / Propósito

Finanzas SD delivers end-to-end cost governance for Ikusi/CVDEx projects. It standardizes rubros, tracks project baselines, reconciles invoices, and produces auditable evidence for PMO Colombia without mixing Acta or Prefectura materials.

1.2 Scope and audiences / Alcance y audiencias

- **PMO Colombia:** project intake, baseline definition, evidence handling.
- **Finanzas & SDMT:** catalog alignment, allocations, forecast vs. actuals.
- **Auditoría:** traceability of approvals, document history, access control.

1.3 Core capabilities / Capacidades clave

- Project creation, baseline capture, and SDMT handoff.
- Rubros catalog selection with allocation rules and monthly plan generation.
- Evidence-driven reconciliation for invoices (facturas) with document uploads.
- Health and observability endpoints for platform readiness.

1.4 Modules / Módulos funcionales

- **Projects & Baseline:** intake, milestone dates, moneda, responsible contacts.
- **Rubros & Line Items:** catalog queries, project-level associations, adjustments.
- **Allocations & Forecast:** distribution rules, plan generation, close-month.
- **Invoices & Reconciliation:** registration, status transitions, alerts.
- **Uploads:** secure evidence ingestion tied to project/line item/invoice context.

1.5 High-level flow / Flujo de alto nivel

1. PMO registra proyecto y baseline inicial.
2. Se seleccionan rubros del catálogo y se generan line items con reglas de asignación.
3. Finanzas registra facturas y adjunta evidencia; se reconcilian contra forecast.
4. SDMT recibe handoff consolidado y alertas de desviaciones.

1.6 Dependencies and constraints / Dependencias

- AWS Cognito para autenticación (grupos PMO, FIN, SDMT, AUDIT, EXEC_R0).
- API Gateway finanzas-sd-api con Lambdas por dominio bajo services/finanzas-api.
- DynamoDB para proyectos, rubros, line items, allocations y facturas; S3 para UI y evidencias.

- Región operativa: us-east-2.

Para detalles técnicos consulte `architecture.md`, modelos en `data-models.md`, y API en `api-reference.md`.