Modelo de dados — oportunidades de investimento

CONTEXTO E CLASSIFICAÇÕES

OPORTUNIDADE CENTRAL

DOSSIER E RELAÇÕES ESTRUTURAIS

IDENTIDADE DE INVESTIMENTO E ZONAS

sectors

PK id bigint
name varchar(150)
slug varchar(180) UNIQUE
short_description varchar(255) NULL
description text NULL
icon varchar(100) NULL
sort_order int
is_active boolean
published_at timestamp NULL
created_at, updated_at, deleted_at

opportunity_profiles

PK/FK opportunity_id → opportunities.id
is_education boolean
version int
business_model text NULL
requirements text NULL
risks text NULL
target_date date NULL
source_reference text NULL
created_at, updated_at

projects

PK id uuid
source_system, external_id
version_no int
data_classification
correlation_id uuid NULL
code, name, status
description text NULL
budget_amount numeric(20,2) NULL
budget_currency char(3) NULL
start_date, end_date date NULL
metadata jsonb
primary_territory_id uuid NULL
territory_version int
created_at, updated_at, deleted_at

opportunity_projects

PK/FK opportunity_id → opportunities.id
PK/FK project_id → projects.id

opportunities

PK id bigint
FK sector_id → sectors.id
reference varchar(80) UNIQUE
title varchar(200)
slug varchar(220) UNIQUE
summary varchar(500) NULL
description text NULL
promoter_name varchar(100) NULL
promoter_name_promoter_type NULL
maturity_level tinyint NULL
maturity_label varchar(120) NULL
estimated_investment_amount decimal(18,2) NULL
estimated_investment_currency varchar(10)
financing_modality varchar(120) NULL
expected_impact text NULL
status varchar(50)
data_classification
published_at, validated_at NULL
FK primary_territory_id → geo_locations.id NULL
territory_version int
geography_scope: unspecified/specific/multiple/national/digital
created_at, updated_at, deleted_at

investors

PK id uuid
organization_id uuid NULL
legal_name text
investor_type: domestic/foreign/institutional/individual
status: prospect/active/inactive
source_system, external_id
version_no, data_classification
correlation_id uuid NULL
created_at, updated_at, deleted_at

interest_requests

PK id bigint
FK opportunity_id → opportunities.id NULL
reference varchar(80) UNIQUE
full_name, email, phone
investor_type, country, sector_interest
opportunity_reference, investment_range NULL
message text
is_read, is_archived boolean
converted_at timestamp NULL
status varchar(50)
source_page, ip_address, user_agent NULL
metadata jsonb NULL
reviewed_at timestamp NULL
FK reviewed_by → users.id NULL
integration_id uuid UNIQUE NULL
FK existing_business_id → existing_businesses.id NULL
FK investor_id → investors.id NULL
investability_score, investment_stage NULL
ticket_min, ticket_max, ticket_currency NULL
FK assigned_to → users.id NULL
next_action, next_action_due_at NULL
created_at, updated_at, deleted_at

users

PK id bigint
name
email UNIQUE
email_verified_at NULL
password
remember_token NULL
created_at, updated_at
(utilizador da aplicação)

economic_clusters

PK id uuid
source_system, external_id
version_no int
data_classification
correlation_id uuid NULL
code, name, sector, status
metadata jsonb
primary_territory_id uuid NULL
territory_version int
created_at, updated_at, deleted_at

opportunity_clusters

PK/FK opportunity_id → opportunities.id
PK/FK cluster_id → economic_clusters.id

opportunity_favourites

PK/FK user_id → users.id
PK/FK opportunity_id → opportunities.id
created_at, updated_at

existing_businesses

PK id uuid
code UNIQUE
source_system, legacy_id NULL
FK owner_user_id → users.id
organization_id uuid NULL
FK investment_item_id → investment_items.id UNIQUE NULL
modality
status: draft
classification
version_no int
payload text
created_at, updated_at, deleted_at

development_corridors

PK id uuid
source_system, external_id
version_no int
data_classification
correlation_id uuid NULL
code, name, status
description text NULL
primary_territory_id uuid NULL
territory_version int
created_at, updated_at, deleted_at

opportunity_corridors

PK/FK opportunity_id → opportunities.id
PK/FK corridor_id → development_corridors.id

investment_submissions

PK id uuid
FK user_id → users.id
FK opportunity_id → opportunities.id NULL
FK dossier_id → investment_dossiers.id NULL
FK interest_request_id → interest_requests.id UNIQUE NULL
payload text
status: draft/submitted
version int
created_at, updated_at
CHECK: opportunity_id ou dossier_id, no máximo um

geo_locations

PK id uuid
source_system, external_id
version_no int
data_classification
correlation_id uuid NULL
name text
location_type: country/province/district/municipality/site
FK parent_id → geo_locations.id NULL
code text
created_at, updated_at, deleted_at

opportunity_locations

PK/FK opportunity_id → opportunities.id
PK/FK geo_location_id → geo_locations.id

investment_reference_options

PK id bigint
group varchar
code varchar
label varchar
active boolean
is_default_option boolean
sort_order int
created_at, updated_at
UNIQUE (group, code)

opportunity_facets

PK/FK opportunity_id → opportunities.id
PK/FK option_id → investment_reference_options.id

investment_item_opportunities

PK/FK item_id → investment_items.id
PK/FK opportunity_id → opportunities.id UNIQUE
mapping_evidence text
created_at, updated_at

investment_items

PK id uuid
code UNIQUE
title
kind
validation_status
version_no int
created_at, updated_at

investment_zone_links

PK id uuid
FK item_id → investment_items.id
FK zone_id → investment_zones.id
association_type: official/influence/proximity/potential/historical
validation_status: pending/validated/revoked
source_reference text
legal_source_id uuid NULL
valid_from, valid_until NULL
editor_id, validator_id NULL
validated_at NULL
created_at, updated_at
UNIQUE (item_id, zone_id)

investment_zones

PK id uuid
code UNIQUE
category: zee/cbi/industrial_park/pending
name, name_en NULL
description, description_en NULL
province, district NULL
operator_id, legal_source_id NULL
publication_status, validation_status
editor_id, reviewer_id NULL
valid_from, until NULL
version_no int
created_at, updated_at, deleted_at

investment_dossiers

PK id uuid
FK project_id → projects.id UNIQUE NULL
FK cluster_id → economic_clusters.id UNIQUE NULL
FK corridor_id → development_corridors.id UNIQUE NULL
title
content jsonb
source text
publication_status: draft/published
FK editor_id, reviewer_id → users.id NULL
approval_evidence, published_at NULL
created_at, updated_at, deleted_at
CHECK: exactamente uma entidade alvo

Cardinalidade nas extremidades: | = exactamente 1; O| = zero ou um; pé-de-galinha = muitos; O + pé-de-galinha = zero ou muitos. Tabelas de ligação representam relações N:M. interest_requests pode apontar para opportunities ou existing_businesses; zonas ligam-se através de investment_items.