

containers_inventories_checks

	Column Name	Data Type	Allow Nulls
🔑	container_inventory_check_id	int	
	inventory_check_type_id	int	
	inventory_check_status_id	int	
	container_inventory_id	int	
	total_quantity	int	
	good_state_quantity	int	
	regular_state_quantity	int	
	bad_state_quantity	int	
	lost_quantity	int	
	comment	varchar(150)	
	user_1	int	
	user_2	int	
	created_at	datetime	
	updated_at	datetime	
	computer	varchar(50)	
	username	varchar(50)	
	checksum	varbinary(150)	

ances

	Data Type	Allow Nulls
_id	int	
	int	
	varchar(150)	
	int	
	decimal(18, 4)	
	time(7)	
	datetime	
	datetime	
	varchar(50)	
	varchar(50)	
	varbinary(150)	

containers_inventories

	Column Name	Data Type	Allow Nulls
🔑	container_inventory_id	int	
	container_type_id	int	
	ev_site_id	int	
	alt_collector_id	int	
	producer_id	int	
	ev_collector_id	int	
	in_use	int	
	on_maintenance	int	
	available	int	
	discarded	int	
	computer	varchar(50)	
	username	varchar(50)	
	checksum	varbinary(150)	

alt_collectors

	Column Name
🔑	alt_collector_id
	name
	specific_location_id

S

	Data Type	Allow Nulls
	int	
	decimal(18, 2)	
	varchar(10)	
	varchar(20)	
	varchar(20)	

transport_types

Column Name	Data Type	Allow Nulls
transport_type_id	int	
control_word_id	int	
description	varchar(100)	

transportXcollectors

Column Name	Data Type	Allow Nulls
alt_collector_id	int	
ev_collector_id	int	
transport_type_id	int	

taxesXcontracts

Column Name	Data Type	Allow Nulls
tax_id	int	
contract_id	int	

taxes

Column Name	Data Type
tax_id	int
control_word_id	int
district_id	int
percentage	float
entity_id	int

ev_collectors

Column Name	Data Type	Allow Nulls
ev_collector_id	int	
name	varchar(20)	
ev_site_id	int	

contract_terms

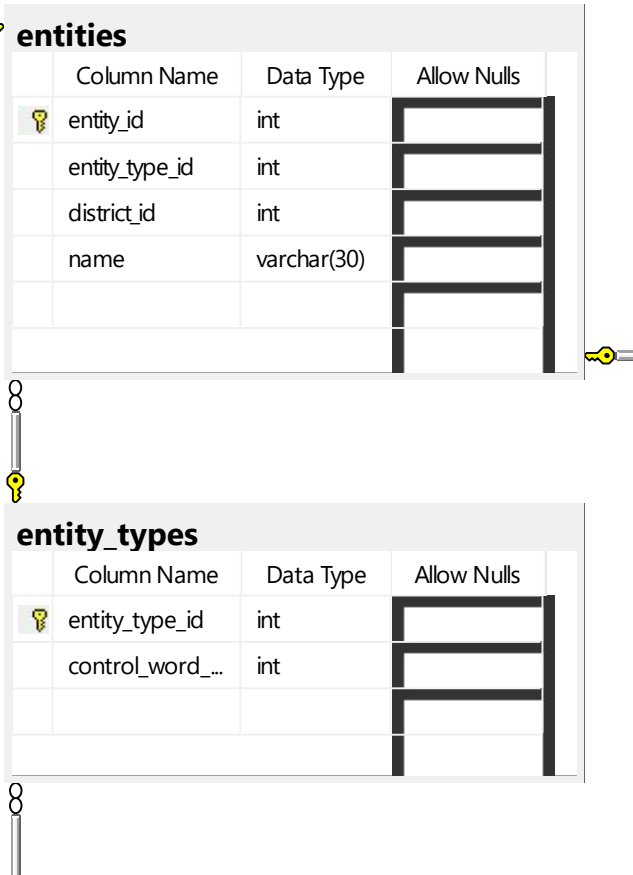
Column Name	Data Type	Allow Nulls
contract_term_id	int	
contract_id	int	
producer_id	int	
collection_cycle_id	int	


collection_cycles


Column Name	Data Type
collection_cycle_id	int
monthly	bit
weekly	bit
daily	bit
other_schedule	bit

Column Name	Data Type	Allow Nulls	
	int		
word_id	int		
d	int		
age	decimal(10, 4)		
	int		

Type	Allow Nulls	




Column Name	Data Type	Allow Nulls
 country_id	int	
name	varchar(30)	
initials	char(3)	
region_id	int	


Column Name	Data Type	Allow Nulls
 [state/province_id]	int	
name	varchar(30)	
initial	char(3)	
area_code	varchar(50)	
country_id	int	

Column Name	Data Type	Allow Nulls
 corpo	corpo	
name		

districts


Column Name	Data Type	Allow Nulls
 district_id	int	
name	varchar(30)	
city_id	int	

cities


Column Name	Data Type	Allow Nulls
 city_id	int	
name	varchar(30)	
[state/province_id]	int	

ev_s
enviro
prod


product

Column Name	Data Type	Allow Nulls
 produ	produ	
name		
ev_sco		
corpo		
specifi		
comp		
userna		
checks		
create		
update		

streets


Column Name	Data Type	Allow Nulls
 street_id	int	
name	varchar(30)	
zip_code	varchar(9)	
district_id	int	

specific_location


Column Name	Data Type	Allow Nulls
 specific_location_id	int	
location	geography	
street_id	int	




waste_inventories_checks

Column Name	Data Type	Allow Nulls
 waste_inventory_check_id	int	
inventory_check_type_id	int	
inventory_check_status_id	int	
waste_inventory_id	int	
total_quantity	decimal(18, 4)	
real_quantity	decimal(18, 4)	
comment	varchar(150)	
user_1	int	
user_2	int	
created_at	datetime	
updated_at	datetime	
computer	varchar(50)	
username	varchar(50)	
checksum	varbinary(150)	

ev_sites

Column Name	Data Type	Allow Nulls
 ev_site_id	int	
name	varchar(30)	
specific_location_id	int	

wastes_inventories

Column Name	Data Type	Allow Nulls
 waste_inventory_id	int	
waste_id	int	
quantity	decimal(18, 4)	
ev_site_id	int	
contract_id	int	

ations

Column Name	Data Type	Allow Nulls
operation_id	int	
	varchar(30)	

core defines the
omental impact that
ducers has, kinda like a debt

ers

Column Name	Data Type	Allow Nulls
producer_id	int	
	varchar(30)	
ore	int	
operation_id	int	
c_location_id	int	
uter	varchar(50)	
ame	varchar(50)	
sum	varbinary(150)	
d_at	datetime	
ed_at	datetime	

checksum

datetime

updated_at

datetime

material_inventories temporal

contracts is temporal

In contract
states they
everything
made from
possible ge
and for alt
states a de
for quantiti

materials_inventories

Column Name	Data Type	Allow Nulls
material_inventory_id	int	
material_id	int	
available_quantity	decimal(18, 4)	
sold_quantity	decimal(18, 4)	
contract_id	int	
ev_site_id	int	

contracts

Column Name	Data Type
contract_id	int
total_cost	dec
contract_score	int
total_score_debt	int
initial_date	date
final_date	date

materials

Column Name	Data Type	Allow Nulls
material_id	int	
control_word_id	int	
waste_operation_id	int	
sale_cost	decimal(18, 4)	
purchase_cost	decimal(18, 4)	

materialsXproducts

Column Name	Data Type
product_id	
material_id	
quantity	

wastes

Column Name	Data Type	Allow Nulls
waste_id	int	
control_word_...	int	

waste_operations

Column Name	Data Type	Allow Nulls
waste_operation_id	int	
name	varchar(20)	
waste_id	int	
waste_capacity	decimal(18, 4)	
material_id	int	
material_yield	decimal(18, 4)	

waste_operations def
operations that can b
performed on a waste
but not always produ
waste_operations ter

waste_operationsXcountries

s for producers it
 'll assume the costs of
 minus the profits
 in the sales of the
 generated products,
 alternate collectors it
 defined paid amount
 y of a certain waste

waste_operation_id	int
waste_quantity	decimal(18, 4)
alt_collector_id	int
ev_collector_id	int
transport_type_id	int
ev_site_id	int
container_inventory_id	int
collection_cost	decimal(18, 4)
subtotal_score	int
score_debt	int
subtotal_cost	decimal(18, 4)
producer_profit_percentage	decimal(18, 4)
alt_collector_due_amount	decimal(18, 4)
specific_location_id	int

day	varchar
time	time(7)
description	varchar
collection_route_id	int
start_date	datetime
final_date	datetime

Data Type	Allow Nulls
decimal(18, 4)	
datetime	
datetime	

collection_points		
	Column Name	Data Type
🔑	collection_point_id	int
	name	varchar(255)
	collection_route_id	int
	producer_id	int
	ev_site_id	int
	description	varchar(1024)

products_inventories			
	Column Name	Data Type	Allow Nulls
🔑	product_inventory_id	int	
	product_id	int	
	available_quantity	int	
	sold_quantity	int	
	contract_id	int	
	ev_site_id	int	

products	
Data Type	Allow Nulls
int	
int	
decimal(18, 4)	

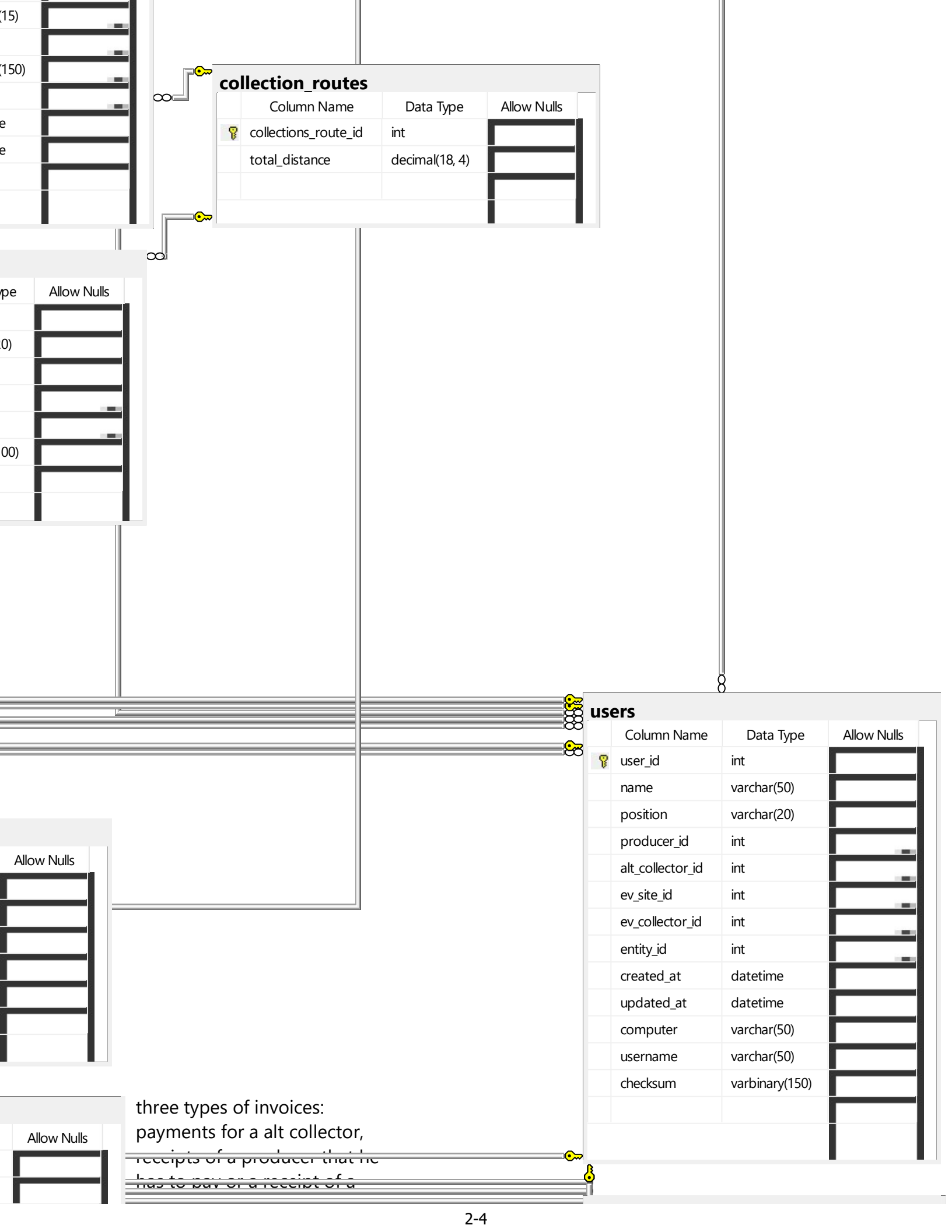
currencies temporal

products			
	Column Name	Data Type	Allow Nulls
🔑	product_id	int	
	control_word_id	int	
	sale_cost	decimal(18, 4)	
	production_cost	decimal(18, 4)	
	assembly_cost	decimal(18, 4)	

currencies		
	Column Name	Data Type
🔑	currency_id	int
	control_word_id	int
	abbreviation	char(3)
	symbol	char(1)
	exchange_rate	decimal(18, 4)


defines the
 e
 e, it can
 ces a
 temporal

invoices		
	Column Name	Data Type
🔑	invoice_id	int
	release_date	datetime




three types of invoices:
payments for a alt collector,
receipts of a producer that he
has to pay or a receipt of a

materials_inventories_checks

	Column Name	Data Type	Allow Nulls
	material_inventory_check_id	int	
	inventory_check_type_id	int	
	inventory_check_status_id	int	
	material_inventory_id	int	
	total_quantity	decimal(18, 4)	
	real_quantity	decimal(18, 4)	
	comment	varchar(150)	
	user_1	int	
	user_2	int	
	created_at	datetime	
	updated_at	datetime	
	computer	varchar(50)	
	username	varchar(50)	
	checksum	varbinary(150)	

products_inventories_checks


	Column Name	Data Type	Allow Nulls
	product_inventory_check_id	int	
	inventory_check_type_id	int	
	inventory_check_status_id	int	
	product_inventory_id	int	
	total_quantity	int	
	real_quantity	int	
	comment	varchar(150)	
	user_1	int	
	user_2	int	
	created_at	datetime	
	updated_at	datetime	
	computer	varchar(50)	
	username	varchar(50)	
	checksum	varbinary(150)	

waste inventories temporal


certificationsXproducerXalt_collectors

	Column Name	Data Type	Allow Nulls
	certification_id	int	
	producer_id	int	
	alt_collector_id	int	


certifications

	Column Name	Data Type	Allow Nulls
	certification_id	int	
	name	varchar(50)	
	waste_id	int	
	country_id	int	
	entity_id	int	

sources

	Column Name	Data Type	Allow Nulls
	source_id	int	
	source_name	varchar(20)	

object_types

	Column Name	Data Type	Allow Nulls
	object_type_id	int	
	object_type_name	varchar(20)	

Column Name	Data Type	Allow Nulls
waste_operation_id	int	
country_id	int	
aggregated_cost	decimal(18, 4)	
alternate_cost	decimal(18, 4)	
regulation_id	int	

waste_operationsXcountries
temporal

machineriesXev_sites

Column Name	Data Type	Allow Nulls
machinery_id	int	
ev_site_id	int	

machinery_id	int
base_cost	decimal(18, 4)
duration	decimal(18, 4)



machineries

Column Name	Data Type	Allow Nulls
machinery_id	int	
capacity	decimal(18, 4)	
duration	time(7)	
description	varchar(150)	

sales

Column Name
sale_id
channel_id
buyer
product_inventory
material_inventory
quantity
status

channels

Column Name
channel_id
channel_name
promotion_id
specific_location

event_logs

Column Name	Data Type	Allow Nulls
event_log_id	bigint	
description	varchar(20)	
reference_id1	bigint	
reference_id2	bigint	
value1	varchar(60)	
value2	varchar(60)	
event_type_id	int	
object_type_id	int	
level_id	int	
source_id	int	
created_at	datetime	
updated_at	datetime	
computer	varchar(50)	
username	varchar(50)	
checksum	varbinary(150)	

levels

Column Name	Data Type	Allow Nulls
level_id	int	
level_name	varchar(20)	

event_types

Column Name	Data Type	Allow Nulls
event_type_id	int	
event_type_name	varchar(20)	



external buyer that wants to buy either a material or a product, the last two defined on the sale and invoice details

contact_types

	Column Name	Data Type	Allow Nulls
🔑	contact_type_id	int	
	control_word_id	int	
	created_at	datetime	
	updated_at	datetime	

contacts

	Column Name	Data Type	Allow Nulls
🔑	contact_id	int	
	user_id	int	
	contact_type_id	int	
	value	varchar(150)	
	enabled	bit	
	created_at	datetime	
	updated_at	datetime	
	computer	varchar(50)	
	username	varchar(50)	
	checksum	varbinary(150)	

languagesXcountries

	Column Name	Data Type	Allow Nulls
	language_id	int	
	country_id	int	

languages

	Column Name	Data Type	Allow Nulls
🔑	language_id	int	
	name	varchar(20)	