

260407-Extraction OSM

réussie sur Bandol

```
docker exec -i alteris_postgis psql -U alteris_admin -d alteris_geo -c "
```

```
/* 1. NETTOYAGE PRÉALABLE */
```

```
DROP TABLE IF EXISTS \"83009_bandol\".armature_urbaine_osm;
```

```
/* 2. EXTRACTION MULTI-SOURCES (Points, Bâtiments, Zones) */
```

```
CREATE TABLE \"83009_bandol\".armature_urbaine_osm AS
```

```
SELECT * FROM (
```

```
-- BLOC A : Points d'intérêts (Commerces, Santé, Services)
```

```
SELECT
```

```
    osm_id::bigint, name, amenity, leisure, shop,
```

```
    'point'::text as osm_type,
```

```
    ST_Transform(way, 2154) as geom
```

```
FROM osm_raw.points
```

```
WHERE (name IS NOT NULL)
```

```
    AND (amenity NOT IN ('bench', 'waste_basket', 'post_box', 'vending_machine',  
'parking_entrance', 'hunting_stand', 'parking') OR amenity IS NULL)
```

```
UNION ALL
```

```
-- BLOC B : Bâtiments structurants (Écoles, Mairie, Hôpitaux)
```

```
-- On utilise ST_Centroid pour transformer les surfaces en points localisables
```

```
SELECT
```

```
    osm_id::bigint, name, amenity, leisure, NULL::text as shop,
```

```
    'building'::text as osm_type,
```

```
    ST_Transform(ST_Centroid(way), 2154) as geom
```

```
FROM osm_raw.buildings
```

```
WHERE (name IS NOT NULL)
```

```
    AND (amenity NOT IN ('parking', 'garages', 'waste_disposal') OR amenity IS NULL)
```

```
UNION ALL
```

```
-- BLOC C : Zones de loisirs et parcs (Stades, Jardins)
```

```
-- Sécurisation du champ 'landuse' via un cast ::text pour éviter les erreurs de type record
```

```
SELECT
```

```
    osm_id::bigint, name, NULL::text as amenity, NULL::text as leisure, NULL::text as shop,
```

```
    'landuse'::text as osm_type,
```

```
    ST_Transform(ST_Centroid(geom), 2154) as geom
```

```
FROM osm_raw.landuse
WHERE name IS NOT NULL
      AND \"landuse\"::text NOT IN ('cemetery', 'residential', 'industrial', 'grass', 'forest', 'farmland')
) sub
WHERE geom IS NOT NULL;
```

```
/* 3. FILTRAGE GÉOGRAPHIQUE (Buffer de 5km autour du projet) */
```

```
-- On force le SRID 2154 pour la comparaison spatiale
```

```
DELETE FROM \"83009_bandol\".armature_urbaine_osm
```

```
WHERE NOT ST_DWithin(
```

```
    geom,
```

```
    (SELECT ST_SetSRID(ST_Centroid(ST_Extent(geom)), 2154) FROM
```

```
\"83009_bandol\".bandol_parcelles),
```

```
    5000
```

```
);
```

```
/* 4. QUALIFICATION THÉMATIQUE (Tri pour la légende QGIS) */
```

```
ALTER TABLE \"83009_bandol\".armature_urbaine_osm ADD COLUMN IF NOT EXISTS categorie text;
```

```
UPDATE \"83009_bandol\".armature_urbaine_osm SET categorie =
```

```
    CASE
```

```
        WHEN amenity IN ('school', 'kindergarten', 'college', 'university') OR name ILIKE '%école%' OR
name ILIKE '%collège%' THEN 'Enseignement'
```

```
        WHEN amenity IN ('restaurant', 'cafe', 'bar', 'fast_food', 'pub') THEN 'Restauration/Sorties'
```

```
        WHEN amenity IN ('pharmacy', 'doctors', 'hospital', 'dentist') THEN 'Santé'
```

```
        WHEN amenity IN ('bank', 'post_office', 'townhall', 'police') THEN 'Services Publics/Banques'
```

```
        WHEN shop IS NOT NULL THEN 'Commerce'
```

```
        WHEN leisure IS NOT NULL OR osm_type = 'landuse' THEN 'Loisirs/Espaces Verts'
```

```
        ELSE 'Autre'
```

```
    END;
```

```
/* 5. OPTIMISATION (Index GIST pour affichage rapide sous QGIS) */
```

```
CREATE INDEX idx_armature_geom ON \"83009_bandol\".armature_urbaine_osm USING
GIST(geom);"
```

Revision #1

Created 2026-04-10 09:15:17 UTC by Julien

Updated 2026-04-10 09:15:17 UTC by Julien