# POPULATION MAPS

## VITAL SOURCE DATA FOR NETWORK DEPLOYMENT, PLANNING, DIMENSIONING

- To assess the market potential and priorities for new deployments
- To define strategic customers coverage or critical areas
- For densifying the network
- To demonstrate spectrum conditions have been achieved via population coverage
- For capacity simulations for the planned network infrastructure
- To determine network priorities
- To build nominal infrastructure budget

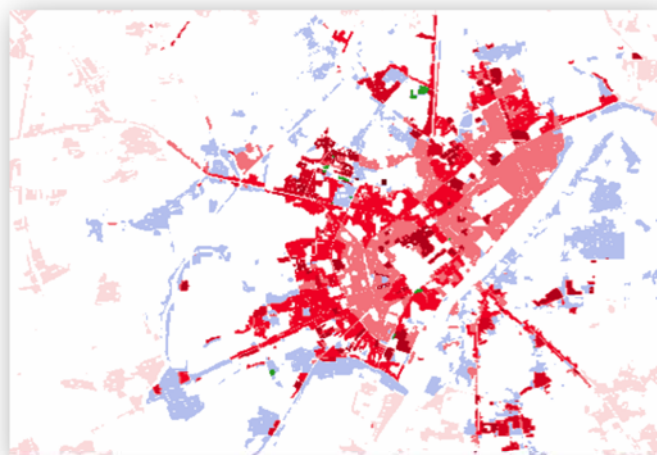| Country | AREA, km² |
|---|---|
| Algeria | 2,382,000 |
| Armenia | 29,000 |
| Azerbaijan | 89,000 |
| Belarus | 206,781 |
| Georgia | 66,826 |
| Kyrgyzstan | 199,319 |
| Ukraine | 578,000 |
| Myanmar | 721 366 |
| Oman | 308 422 |
| Papua New Guinea | 481 810 |
| Vietnam | 332,698 |

## VISICOM POPULATION MAPS VALUE

- Visicom Population Maps are based on the number of algorithms of data sources interpretation
- The source, vintage and details of administrative boundaries for population maps vary with the available information for the requested country
- We use the latest available data or extrapolate older inputs in case of lack of up-to-date Information

## VISICOM OPERATES WITH

- Unique production methodology
- Objective data interpretation
- Detailed, relevant and accurate source data
- Best quality/price solution
- Individual attitude to each project
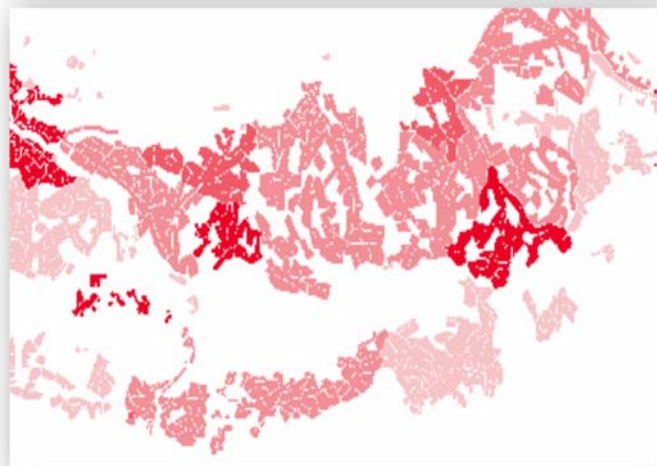
## POPULATION DISTRIBUTION MODEL MAY INCLUDE:

➢ Population quantity for each administrative unit, block, building (Vector Model);
➢ Population density per area units (Raster model);
➢ Population density per each cell of the raster grid.
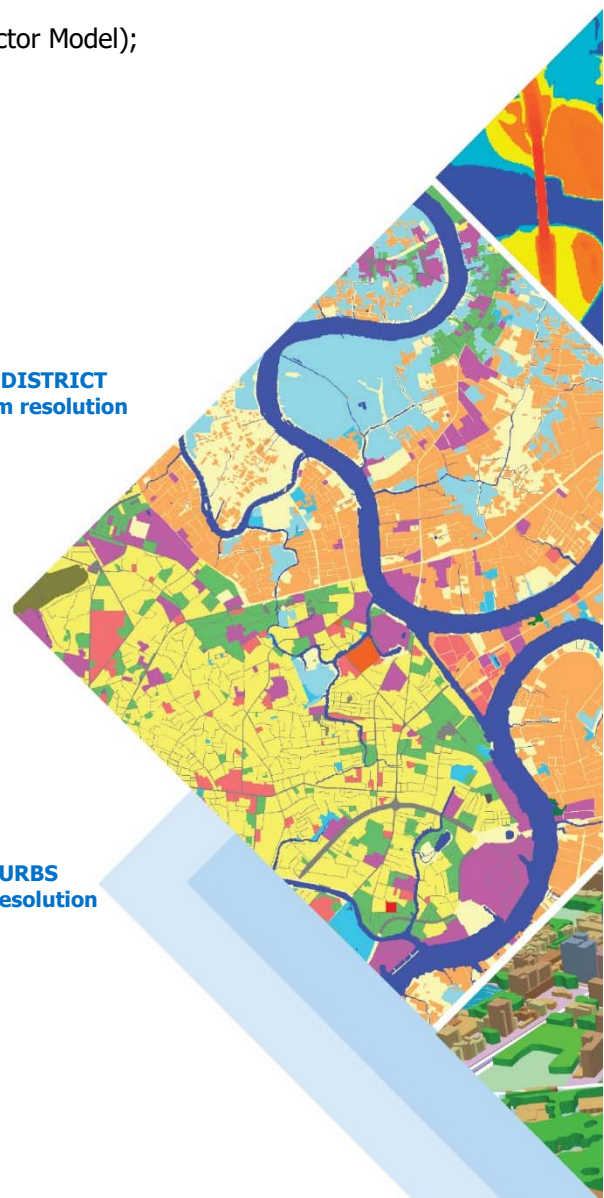➢ Administrative boundary of settlements (cities, towns, villages, etc)

**PROVINCE/DISTRICT**
**10 m and 20 m resolution**

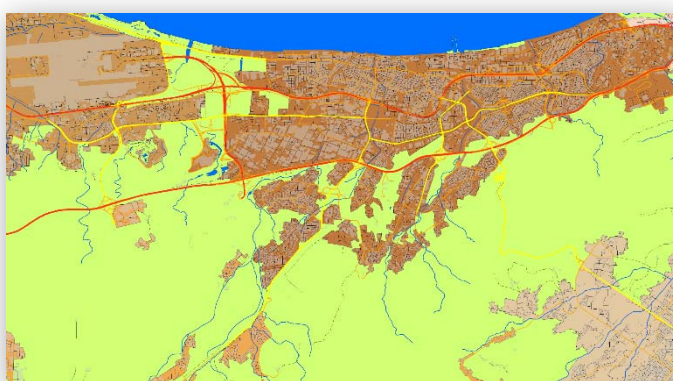**CITY/SUBURBS**
**2 m and 5 m resolution**

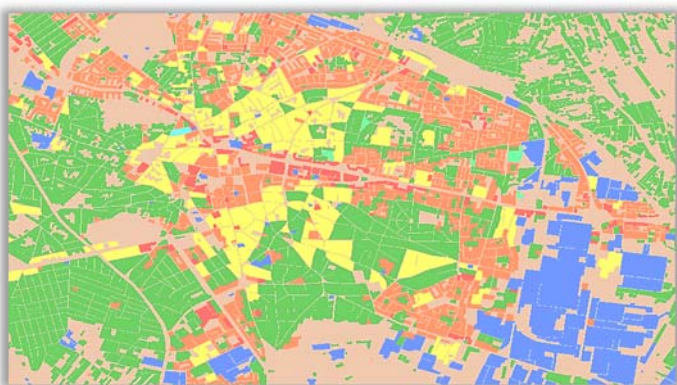**COUNTRYWIDE**
**20 m and 30 m resolution**

**VISICOM PRODUCTS ARE DELIVERED IN ALL MAJOR RADIOPLANNING TOOL AND GIS FORMATS**

Population maps can be delivered in raster or vector format totally corresponding to Clutter model

**POPULATION MAP - VECTOR FORMAT**

**POPULATION MAP - RASTER FORMAT**

**SOURCES CLUTTER (LAND USE)**

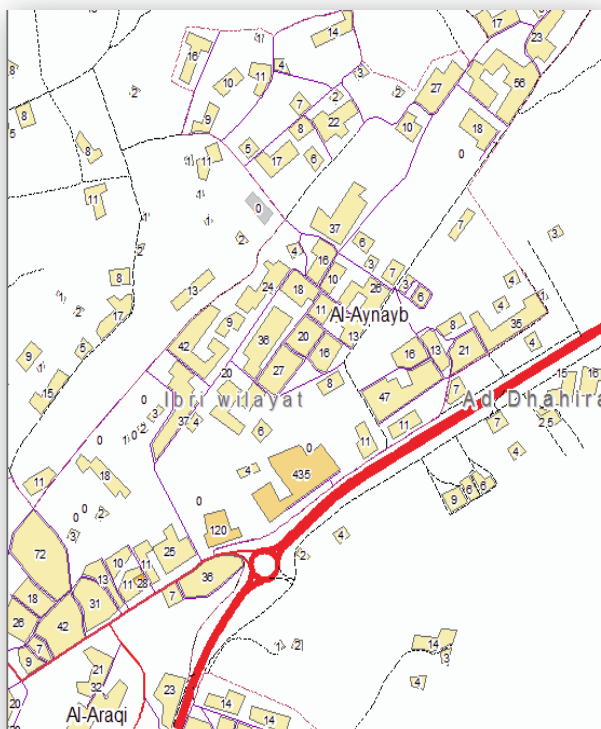**SOURCES:**

➤ Clutter Model of Countrywide and/or cities
➤ Administrative territorial division
➤ Boundaries of built-up areas
➤ Last available census

**For cities
(Population per household)**

Legend:
- Residential buildings
- Educational institutions
- Religious buildings
- Business centres
- Shopping and entertainment
- Sport complexes
- Industrial objects
- Service objects
- Garages
- Catering facilities

**For regions
(Population per block)**