INDICATOR 4: Lot Coverage Change Index, 1975–2014

File Name: Lot_Cvge_Chg_Ind_1975-2014.tif

- Coordinate Reference Systems: WGS 84 / UTM zone 34N (EPSG:32634)
- Resolution: 250 m × 250 m
- Max: 98.9168
- Min: -99.9504
- Built-up area change: form –0.01 to –100*****
- New built-up areas change: form 0.01 to 100
- No Changes in built-up aeras: 0.00
- Units: %
- Unbuilt areas: 999
- No Data: –3.40282e+38

**Note*. To get apsolute numbers multiply with –1

Description of Indicator: The changes in built-up areas over time are presented by Lot Coverage Change Index. It was calculated dividing built-up area for 2014 by the built-up area for 1975 and it is expressed in percent (%). Two processes are identified: i) the change in the existing built-up area (up to 100%) and ii) the newly built-up area (up to 100%). The areas with no change and unbuilt areas are also identified. It is an urban indicator, used for attractiveness estimation for newly settling and construction. The index over a longer period offers indirectly to follow the demographic shrinkage and an influx of the population on the territory. Mapping the areas with increasing index values enables the identification of migration directions. Such areas are demographically vital, with certain development potential, increased concentration of activities, whether it is economic or in the domain of housing policy.

Source data for Indicator calculation

Type of data	Source
Built-up area	GHS-BUILT R2018A—GHS built-up grid, derived from Landsat, multitemporal (1975-1990-2000-2014) [European Commission, Joint Research Center, 2018], datasets for 1975 and 2014