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Civil Protection



General overview on Local Authority Tutorial

Luca Padroni – Civil Protection City of Pisa - IT



WHAT THE LOCAL AUTHORITIES ALREADY HAVE

529 residents in the area of the test

RECORDS EXTRACTED FROM THE OFFICIAL REGISTRY FILE OF THE MUNICIPALITY

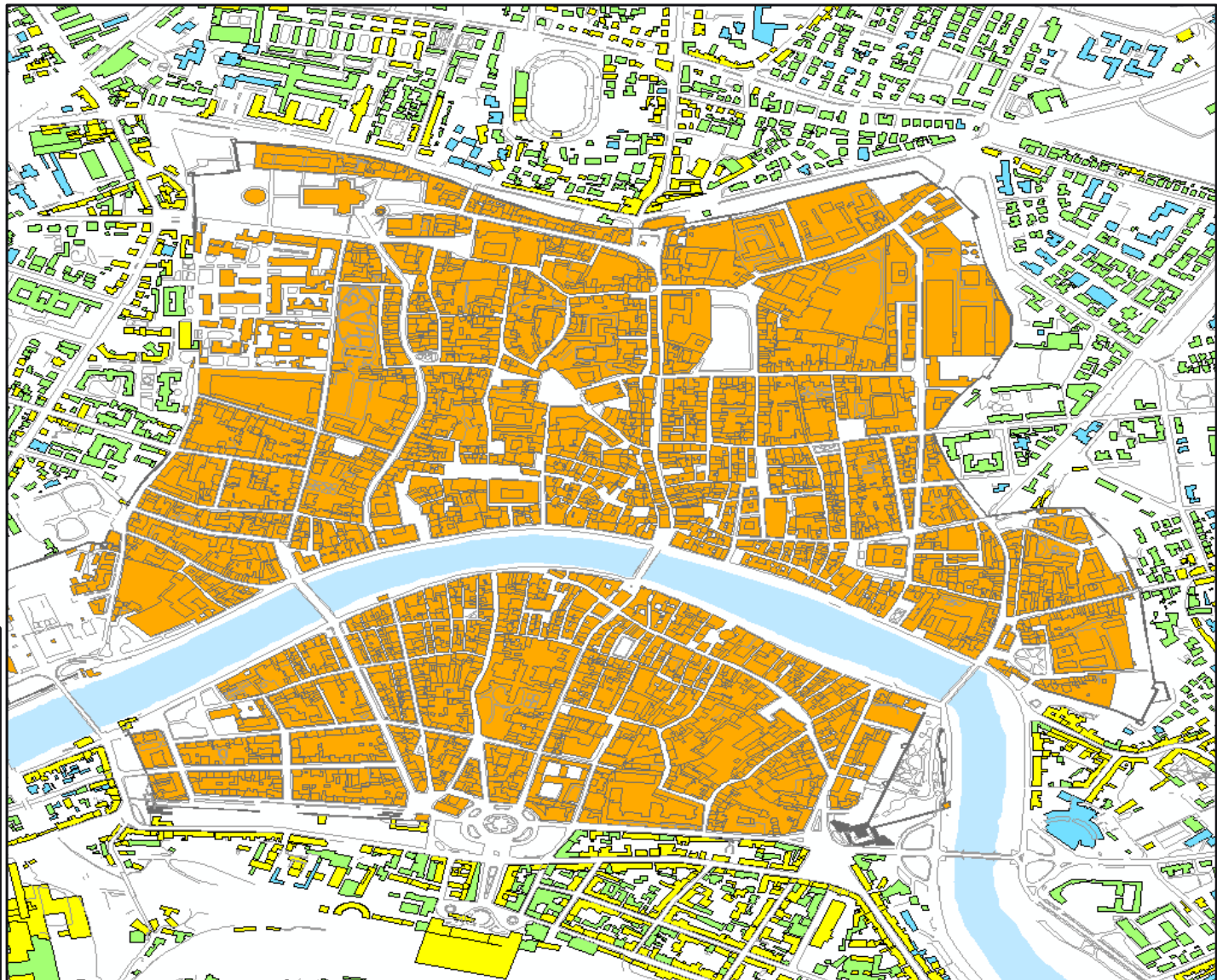
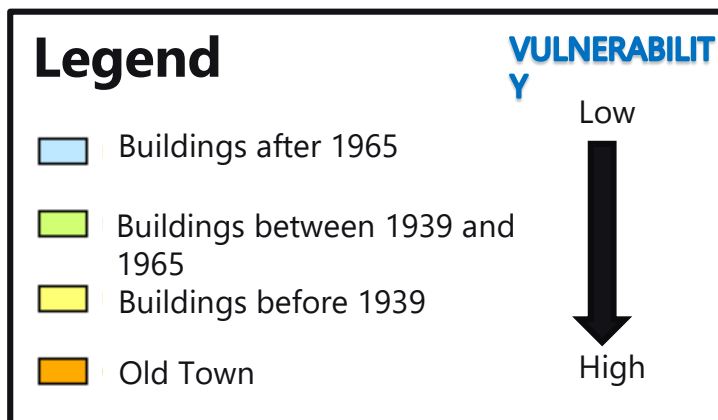
Family ID
Useful to keep the householder as reference in the assistance and reconstruction phases

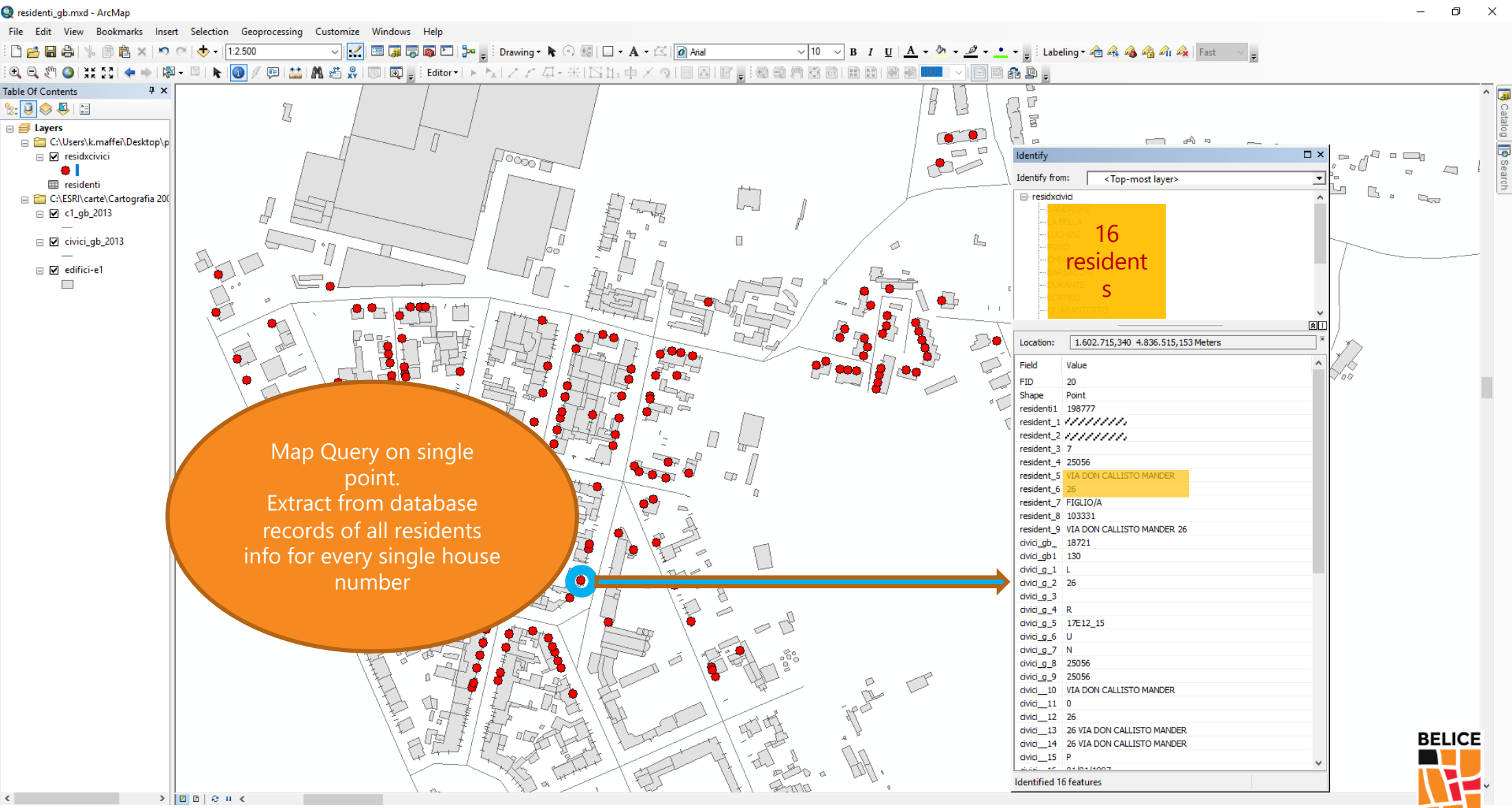
Unique id for road name.
Basic requirement for geocoding

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U |
|------------|---------|------|-----|---------|------------------------------|--------|------------------------|------------|---|---|---|---|---|---|---|---|---|---|---|---|
| CODICE_IND | cognome | nome | ETA | cod_via | TOPONIMO COMUNALE | civico | posizione | r_famiglia | | | | | | | | | | | | |
| 24765 | | | 97 | 24754 | VIA MAIORCA | 83 | INTESTATARIO SCHEDA | 10007 | | | | | | | | | | | | |
| 24766 | | | 89 | 24754 | VIA MAIORCA | 83 | MOGLIE | 10007 | | | | | | | | | | | | |
| 198992 | | | 7 | 2951 | VIA FRANCESCO BARBOLANI | 85 | FIGLIO/A | 100179 | | | | | | | | | | | | |
| 217007 | | | 2 | 2951 | VIA FRANCESCO BARBOLANI | 85 | FIGLIO/A | 100179 | | | | | | | | | | | | |
| 190551 | | | 38 | 2951 | VIA FRANCESCO BARBOLANI | 85 | INTESTATARIO SCHEDA | 100179 | | | | | | | | | | | | |
| 77492 | | | 37 | 2951 | VIA FRANCESCO BARBOLANI | 85 | MOGLIE | 100179 | | | | | | | | | | | | |
| 14879 | | | 48 | 2951 | VIA FRANCESCO BARBOLANI | 28 | INTESTATARIO SCHEDA | 100273 | | | | | | | | | | | | |
| 204059 | | | 28 | 2951 | VIA FRANCESCO BARBOLANI | 28 | MOGLIE | 100273 | | | | | | | | | | | | |
| 192648 | | | 9 | 2951 | VIA FRANCESCO BARBOLANI | 28 | FIGLIO/A | 100273 | | | | | | | | | | | | |
| 51702 | | | 42 | 11351 | VIA GAETANO CORSANI | 18 | INTESTATARIO SCHEDA | 100373 | | | | | | | | | | | | |
| 76219 | | | 43 | 25056 | VIA DON CALLISTO MANDER | 19A | INTESTATARIO SCHEDA | 100742 | | | | | | | | | | | | |
| 218993 | | | 72 | 44251 | VIA DELLA SIRENETTA | 12 | MOGLIE | 100901 | | | | | | | | | | | | |
| 191520 | | | 69 | 44251 | VIA DELLA SIRENETTA | 12 | INTESTATARIO SCHEDA | 100901 | | | | | | | | | | | | |
| 191760 | | | 40 | 2951 | VIA FRANCESCO BARBOLANI | 28 | INTESTATARIO SCHEDA | 101043 | | | | | | | | | | | | |
| 191818 | | | 45 | 11351 | VIA GAETANO CORSANI | 19 | INTESTATARIO SCHEDA | 101099 | | | | | | | | | | | | |
| 192319 | | | 14 | 11351 | VIA GAETANO CORSANI | 5 | FIGLIO/A | 101475 | | | | | | | | | | | | |
| 40214 | | | 48 | 11351 | VIA GAETANO CORSANI | 5 | INTESTATARIO SCHEDA | 101475 | | | | | | | | | | | | |
| 140014 | | | 19 | 11351 | VIA GAETANO CORSANI | 5 | FIGLIO/A | 101475 | | | | | | | | | | | | |
| 86198 | | | 47 | 11351 | VIA GAETANO CORSANI | 5 | MOGLIE | 101475 | | | | | | | | | | | | |
| 3341 | | | 28 | 49803 | PIAZZA GIUSEPPE VIVIANI | 2 | INTESTATARIO SCHEDA | 102132 | | | | | | | | | | | | |
| 193384 | | | 48 | 11852 | VIA TULLIO CROSIO | 2 | INTESTATARIO SCHEDA | 102342 | | | | | | | | | | | | |
| 68810 | | | 32 | 49803 | PIAZZA GIUSEPPE VIVIANI | 13 | INTESTATARIO SCHEDA | 103086 | | | | | | | | | | | | |
| 198777 | | | 7 | 25056 | VIA DON CALLISTO MANDER | 26 | FIGLIO/A | 103331 | | | | | | | | | | | | |
| 52249 | | | 39 | 25056 | VIA DON CALLISTO MANDER | 26 | INTESTATARIO SCHEDA | 103331 | | | | | | | | | | | | |
| 194763 | | | 36 | 25056 | VIA DON CALLISTO MANDER | 16 | INTESTATARIO SCHEDA | 103453 | | | | | | | | | | | | |
| 16815 | | | 33 | 25056 | VIA DON CALLISTO MANDER | 16 | MOGLIE | 103453 | | | | | | | | | | | | |
| 194833 | | | 41 | 25550 | PIAZZA SS.MARIA AUSILIATRICE | 3 | INTESTATARIO SCHEDA | 103513 | | | | | | | | | | | | |
| 195262 | | | 50 | 11852 | VIA TULLIO CROSIO | 6 | INTESTATARIO SCHEDA | 103863 | | | | | | | | | | | | |
| 196191 | | | 59 | 2951 | VIA FRANCESCO BARBOLANI | 1 | INTESTATARIO SCHEDA | 104577 | | | | | | | | | | | | |
| 197575 | | | 36 | 25056 | VIA DON CALLISTO MANDER | 21 | INTESTATARIO SCHEDA | 104726 | | | | | | | | | | | | |
| 25222 | | | 32 | 25056 | VIA DON CALLISTO MANDER | 21 | MOGLIE | 104726 | | | | | | | | | | | | |
| 55917 | | | 54 | 25056 | VIA DON CALLISTO MANDER | 26 | MARITO | 104759 | | | | | | | | | | | | |
| 55918 | | | 50 | 25056 | VIA DON CALLISTO MANDER | 26 | INTESTATARIO SCHEDA | 104759 | | | | | | | | | | | | |
| 36795 | | | 63 | 12106 | VIA CURZOLARI | 8 | INTESTATARIO SCHEDA | 105812 | | | | | | | | | | | | |
| 202369 | | | 64 | 2951 | VIA FRANCESCO BARBOLANI | 26C | INTESTATARIO SCHEDA | 105895 | | | | | | | | | | | | |
| 199149 | | | 66 | 11351 | VIA GAETANO CORSANI | 19 | INTESTATARIO SCHEDA | 106026 | | | | | | | | | | | | |
| 199915 | | | 54 | 25056 | VIA DON CALLISTO MANDER | 16 | INTESTATARIO SCHEDA | 106088 | | | | | | | | | | | | |
| 205581 | | | 7 | 27650 | VIA MILAZZO | 31E | FIGLIO/A | 106867 | | | | | | | | | | | | |
| 212530 | | | 41 | 27650 | VIA MILAZZO | 31E | MARITO | 106867 | | | | | | | | | | | | |
| 200283 | | | 36 | 27650 | VIA MILAZZO | 31E | INTESTATARIO SCHEDA | 106867 | | | | | | | | | | | | |
| 200594 | | | 43 | 27650 | VIA MILAZZO | 5 | INTESTATARIO SCHEDA | 107088 | | | | | | | | | | | | |
| 215142 | | | 45 | 27650 | VIA MILAZZO | 5 | CONVIVENTE IN FAMIGLIA | 107088 | | | | | | | | | | | | |
| 187234 | | | 40 | 2951 | VIA FRANCESCO BARBOLANI | 28 | INTESTATARIO SCHEDA | 107261 | | | | | | | | | | | | |
| 189593 | | | 9 | 2951 | VIA FRANCESCO BARBOLANI | 28 | FIGLIO/A | 107261 | | | | | | | | | | | | |
| 205260 | | | 73 | 27650 | VIA MILAZZO | 37 | MADRE | 107272 | | | | | | | | | | | | |
| 200838 | | | 43 | 27650 | VIA MILAZZO | 37 | SOIRELLA | 107272 | | | | | | | | | | | | |
| 200837 | | | 46 | 27650 | VIA MILAZZO | 37 | INTESTATARIO SCHEDA | 107272 | | | | | | | | | | | | |
| 2804 | | | 89 | 49803 | PIAZZA GIUSEPPE VIVIANI | 16 | INTESTATARIO SCHEDA | 1101 | | | | | | | | | | | | |
| 2805 | | | 83 | 49803 | PIAZZA GIUSEPPE VIVIANI | 16 | MOGLIE | 1101 | | | | | | | | | | | | |
| 26101 | | | 73 | 12655 | VIA GIOVANNI DA VERRAZZANO | 10 | INTESTATARIO SCHEDA | 11550 | | | | | | | | | | | | |

MAP OF EDIFICATION BUILDING PERIOD AND VULNERABILITY

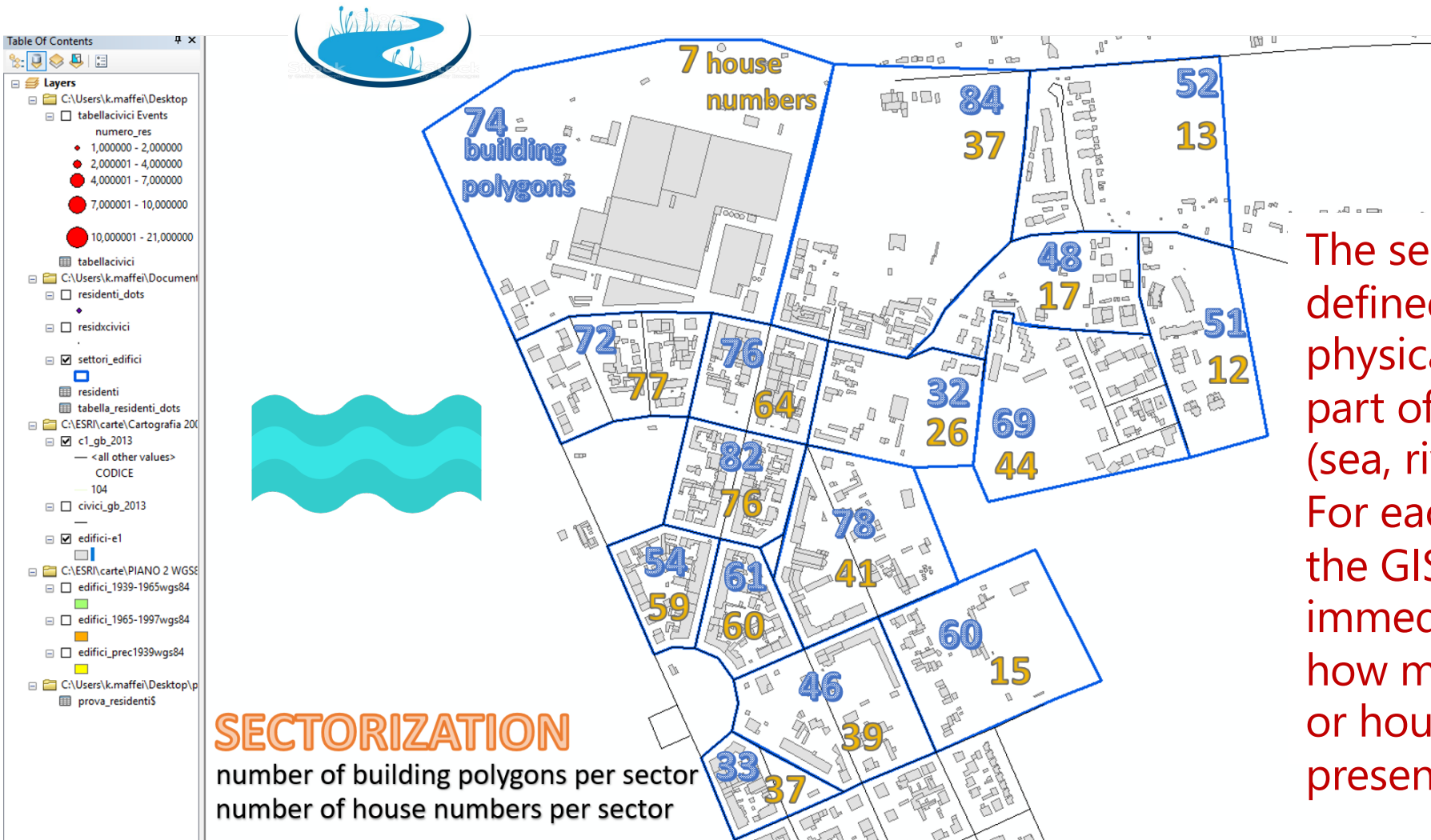
Extracted from Technical
Office Records





HOW TO MAKE A PRE SECTORIZATION ?

Using the extracted info above we proceed to define the polygons, part of the pre sectorization, so to try having around 50 buildings per sector.

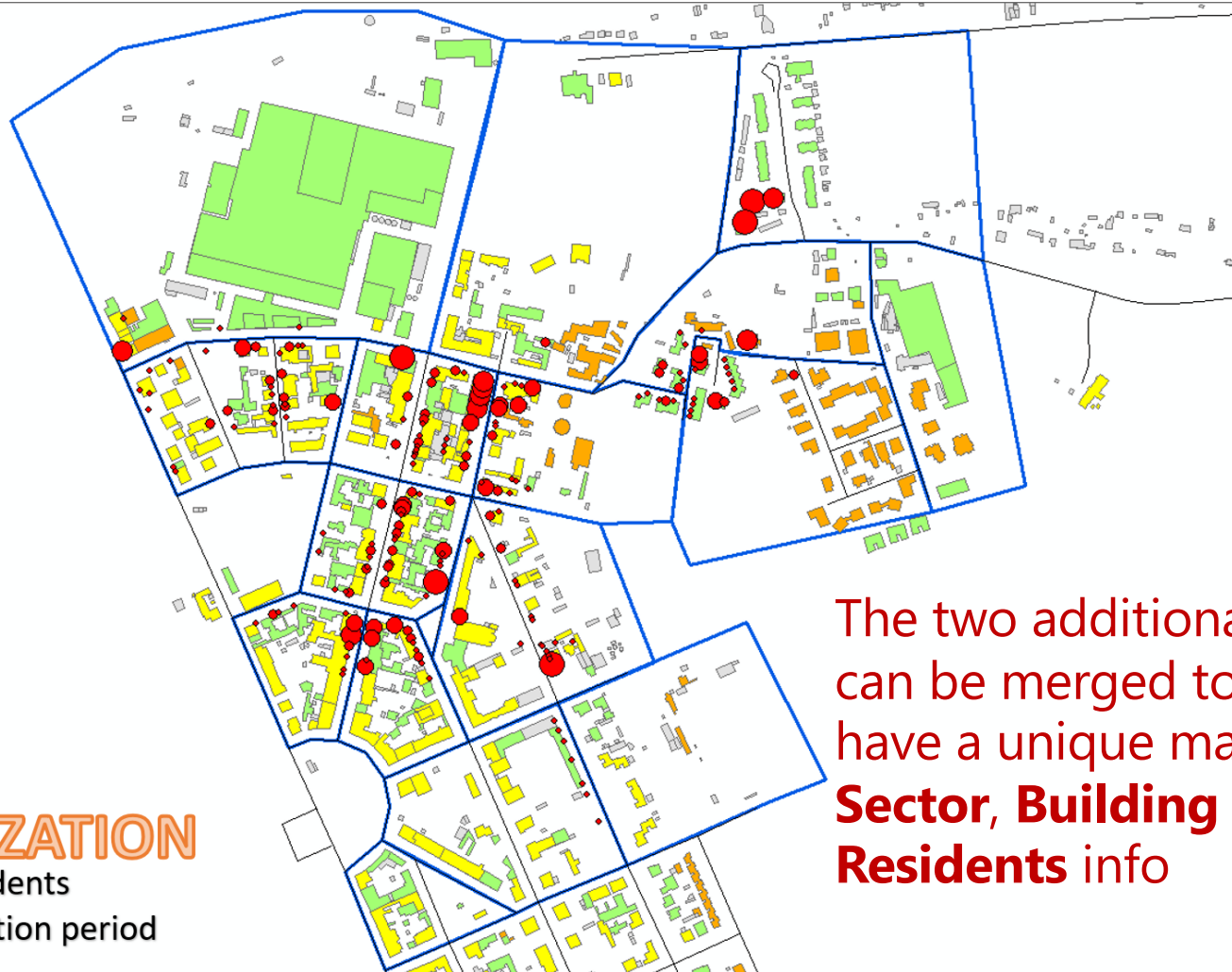


SUMMARY VIEW

Table Of Contents

Layers

- C:\Users\k.maffei\Desktop
 - tabellacivici Events
 - numero_res
 - 1,000000 - 2,000000
 - 2,000001 - 4,000000
 - 4,000001 - 7,000000
 - 7,000001 - 10,000000
 - 10,000001 - 21,000000
 - tabellacivici
- C:\Users\k.maffei\Document
 - residenti_dots
 - residxcivici
 - settori_edifici
 - residenti
 - tabella_residenti_dots
- C:\ESRI\carte\Cartografia 200
 - c1_gb_2013
 - <all other values>
 - CODICE
 - 104
 - civici_gb_2013
- C:\ESRI\carte\PIANO 2 WGS84
 - edifici_1939-1965wgs84
 - edifici_1965-1997wgs84
 - edifici_prec1939wgs84
- C:\Users\k.maffei\Desktop\p
 - prova_residenti\$



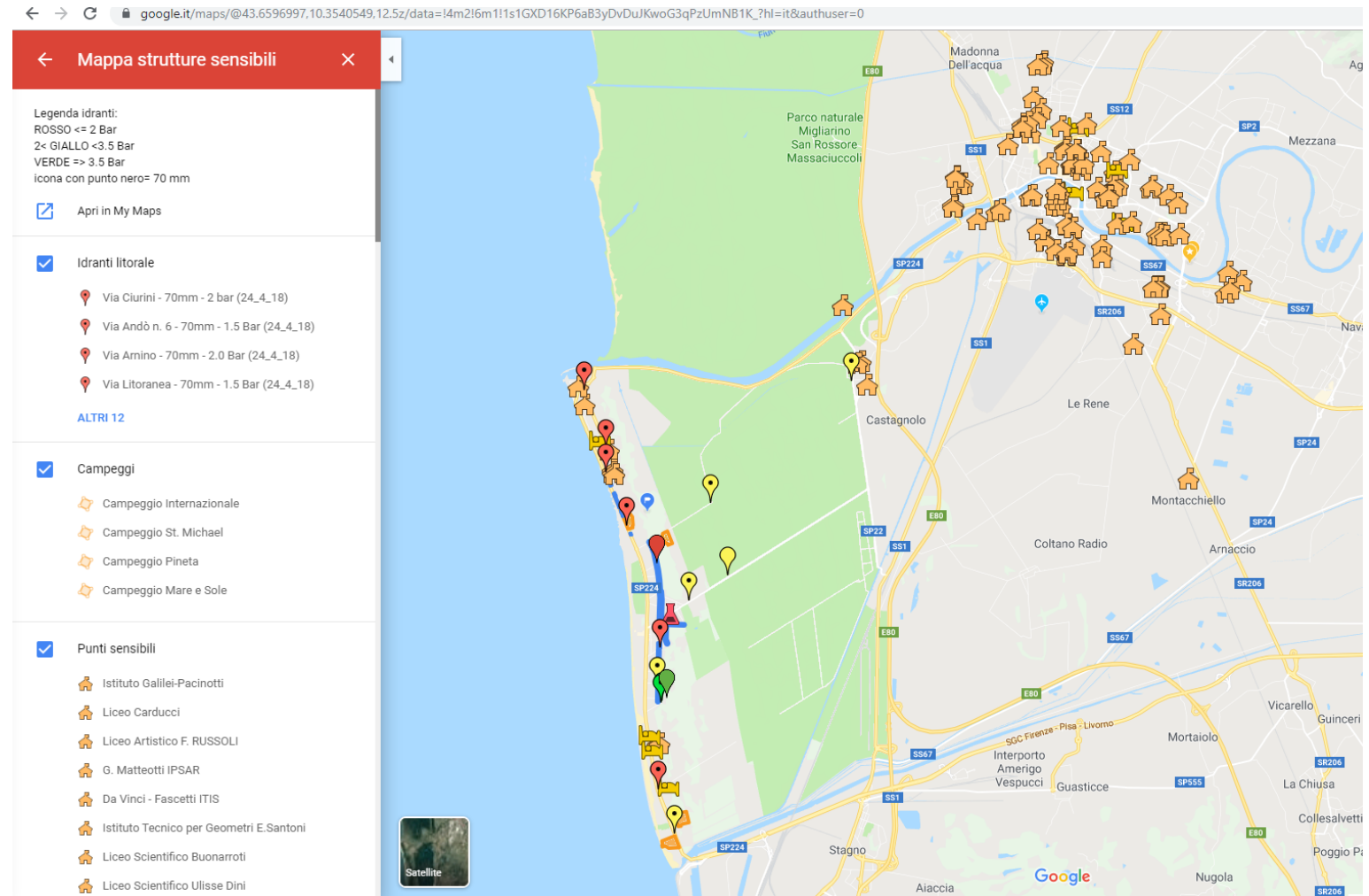
SECTORIZATION
number of residents
building edification period

The two additional Info Layers
can be merged together so to
have a unique map with
Sector, Building age and
Residents info

PLAN AVAILABILITY FOR FIRST RESPONDERS

Plan stored also
on
dropbox/google
drive folder

Primary and
strategic data
available on
google maps to
make info
available without
any specific
software
requirement



OPENSTREETMAP POI

