

A. Martín Esquivel, A. F. Ferrandes

Session 37. Projets archéologiques de WebSIG et WebGL. L'avenir des interactions entre bases de données, nuages de points, fouilles et mobilier of pour une meilleure compréhension des espaces habités.

SITAR: Linking inhabited spaces of ancient Rome, the Archeositar project experiences.

M. Serlorenzi, F. Santi, G. Leoni (SSABAP – Roma)

M. Fadda, C. Fanelli, F. Lamonaca, C. Livrini, S. Picciola,

C. Rosa, P. Rosati, F. Sommaini, S. Valentini, A. Vecchione (SITAR)



SITAR started in 2007

SITAR: What are we talking about

Archive data **Project starting Development, testing Implementation of** and first publication SITAR database, completion of the of data inside the expansion of the Rome intranet webGis of system's logical Archaeological the Archaeological architecture **Constraints Map** Superintendency of Rome 2007 2009 2010 2008

Scan the code



New web interface, functional implementation of WebGIS and integration of data editing tools in geoweb applications

new WEB-GIS application inside a comprehensive distributed platform New official website, new web-interface, consultation and research tools. Sharing Open Data.

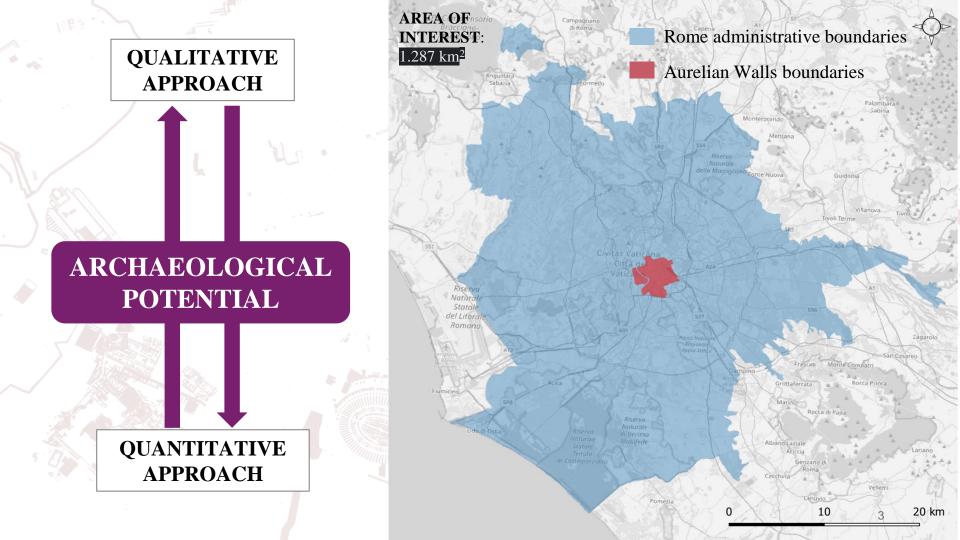
work in progress...

2011-2016

2017-2019

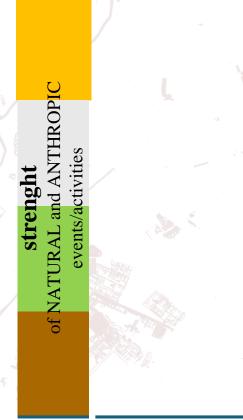
2020-2022

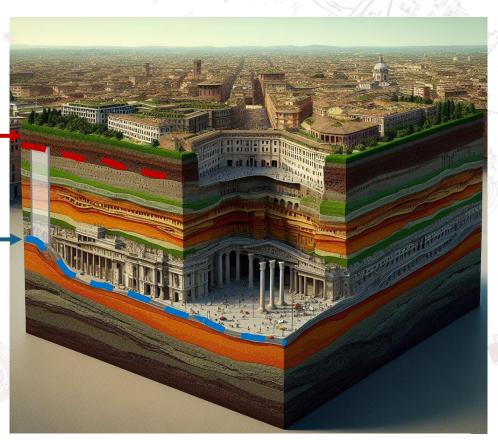
2024...



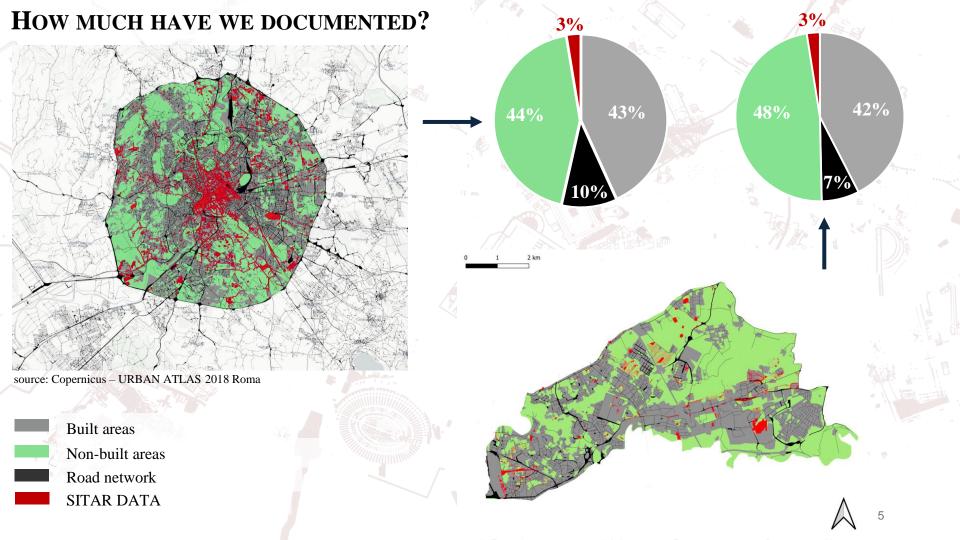
QUANTITATIVE APPROACH: DEFINING TOP AND BOTTOM LAYERS

CURRENT SURFACE



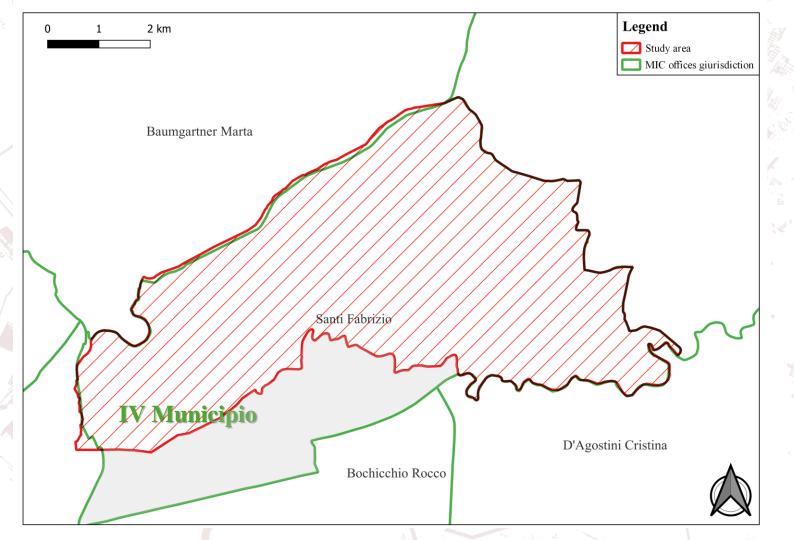


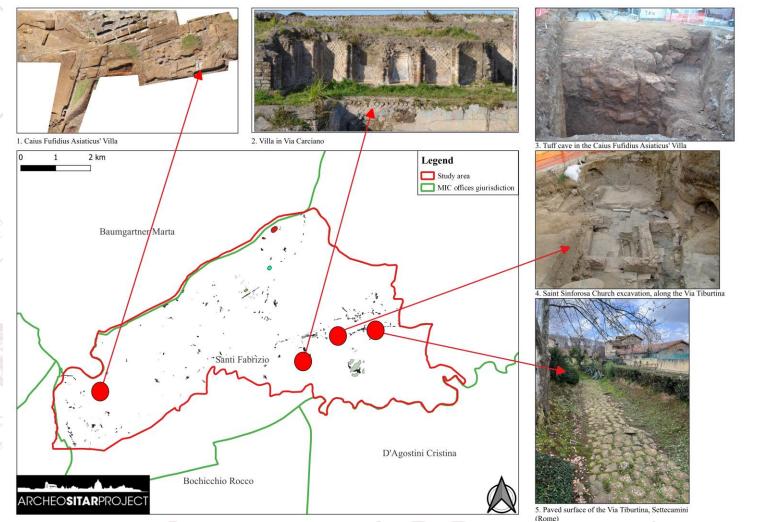
source: image created with Artificial Intelligence process





«IV MUNICIPIO», ROME: THE EASTERN SUBURB



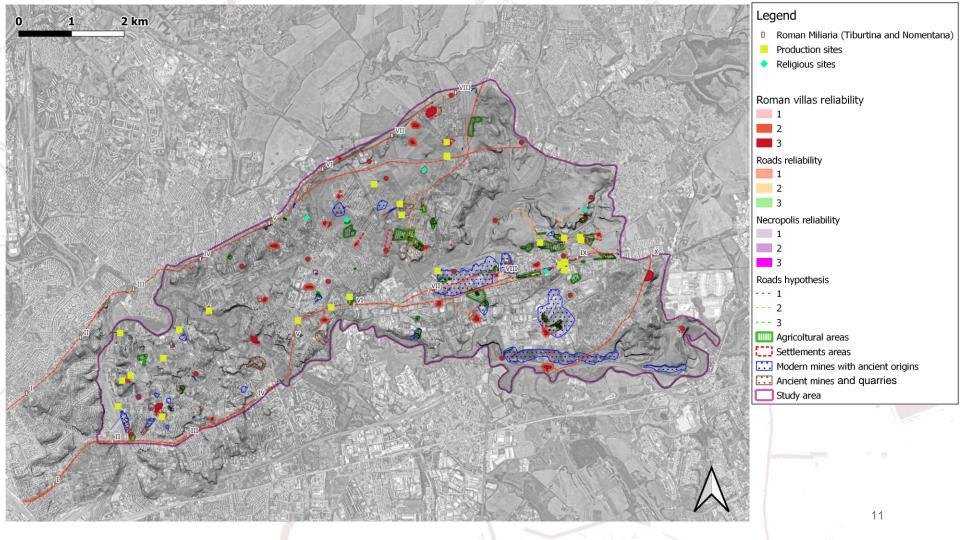




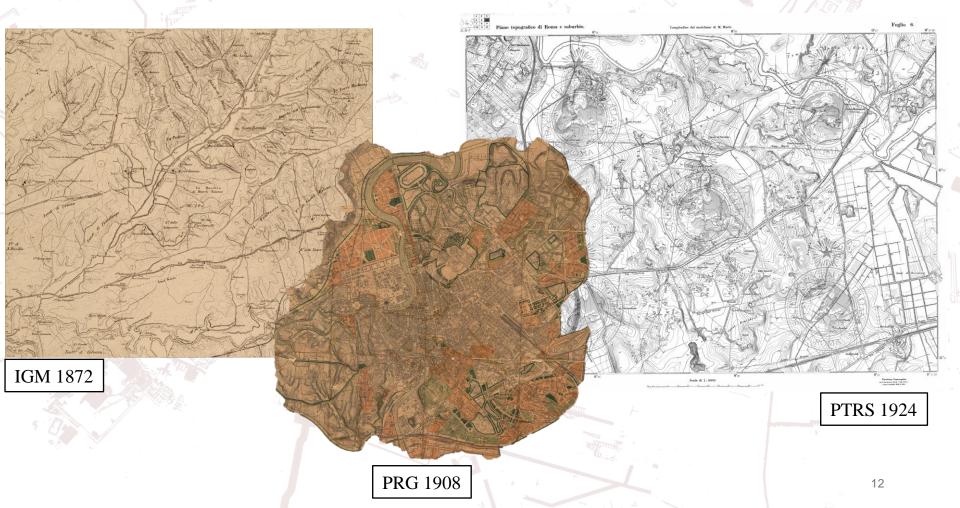


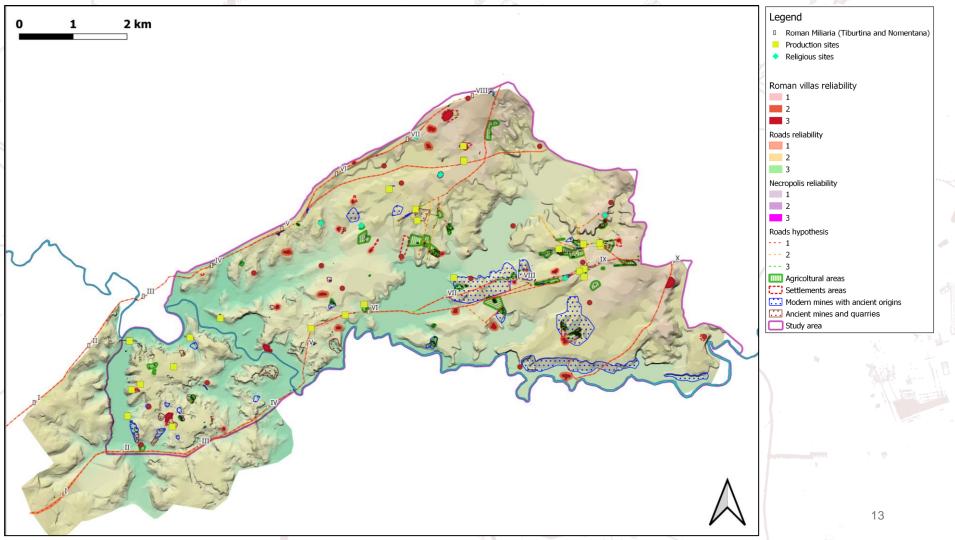




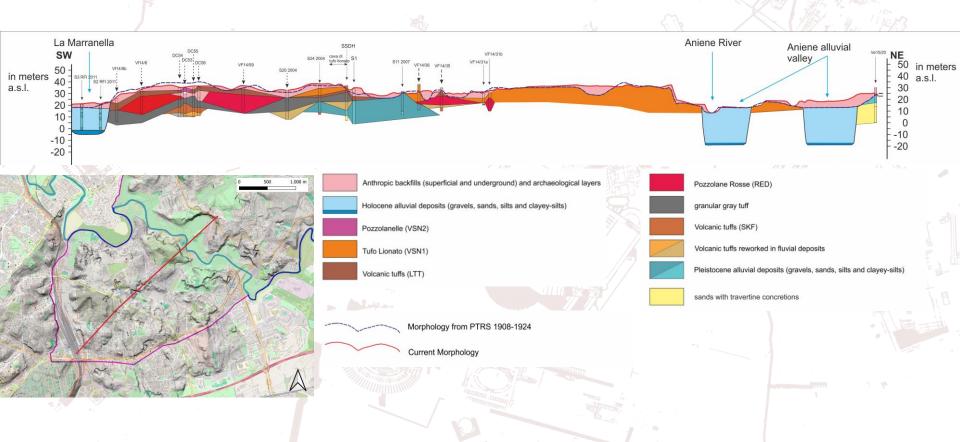


ANALYSING AND DIGITALIZING HISTORICAL CARTOGRAPHY





GEOLOGICAL SECTION

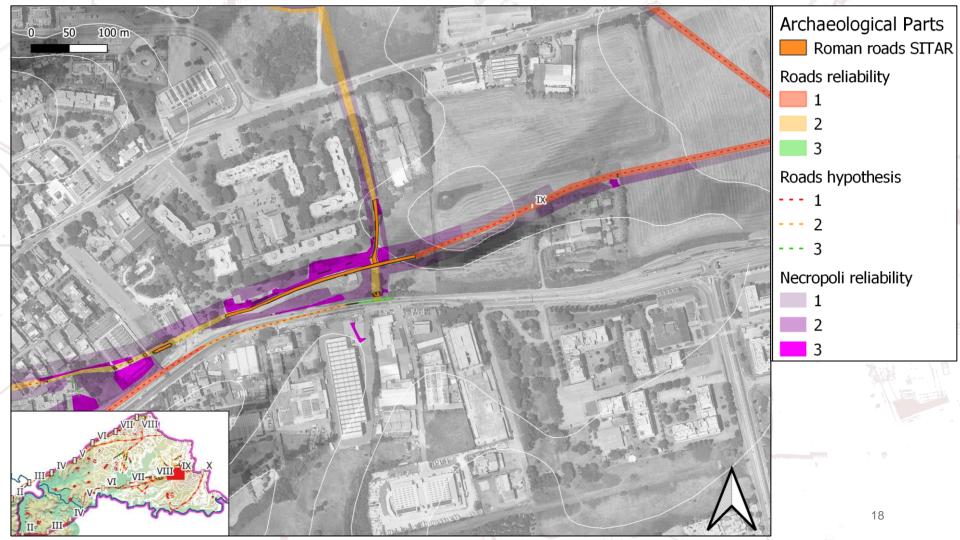


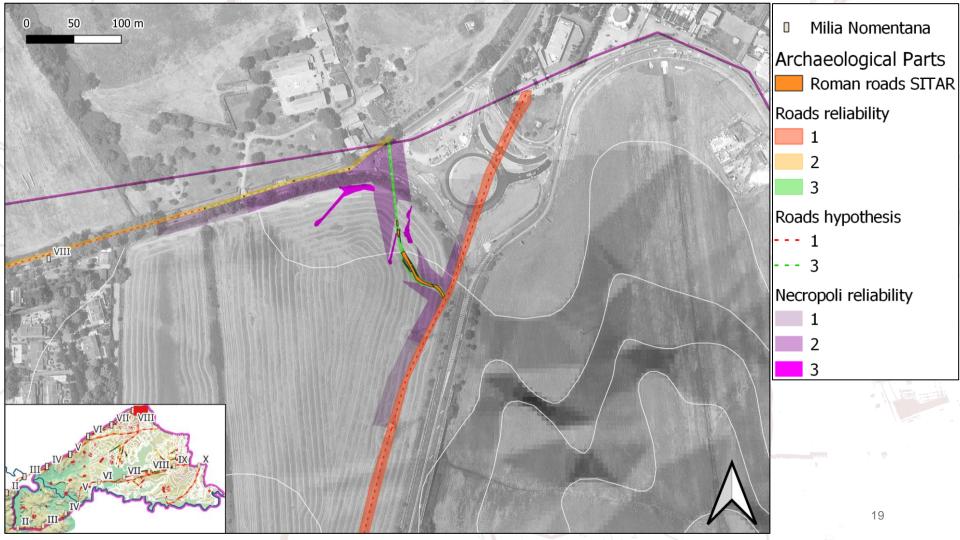
CATEGORIZING THE ARCHAEOLOGICAL PARTS (PA)

- **Roads** (113 PA = 43 contexts)
- **Funerary parts** (112 PA = 51 contexts)
- **Residential parts** (65 PA = 38 contexts)
- Agricoltural parts (116 PA = 75 contexts), productive parts (36 PA = 26 contexts) e mines and quarries (71 PA = 65 contexts)
- **Public** (12 PA = 4 contexts) and **sacred** (15 PA = 7 contexts) **buildings**

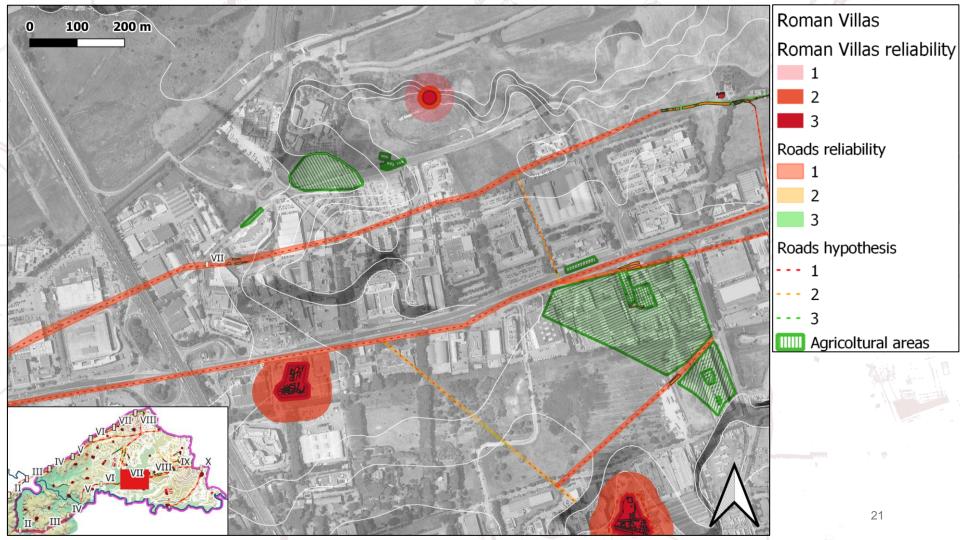


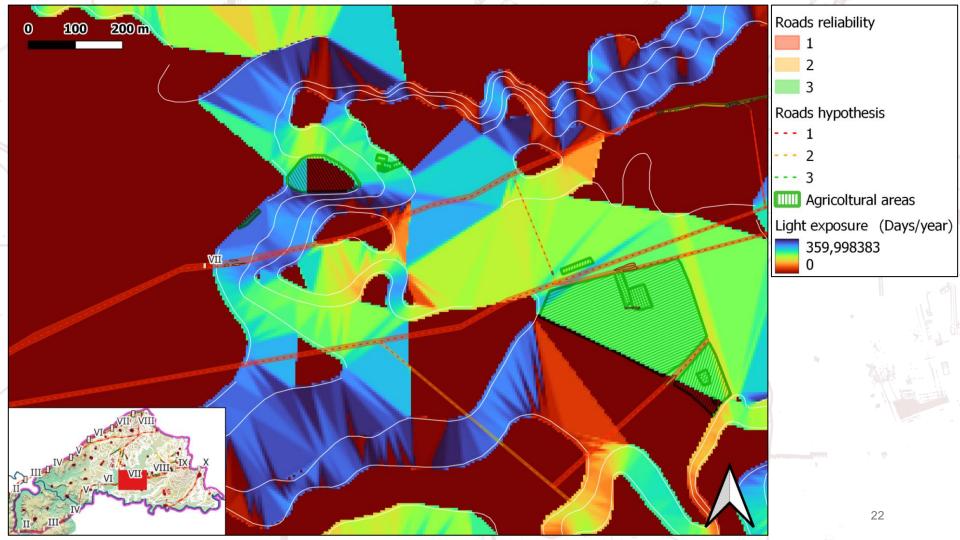


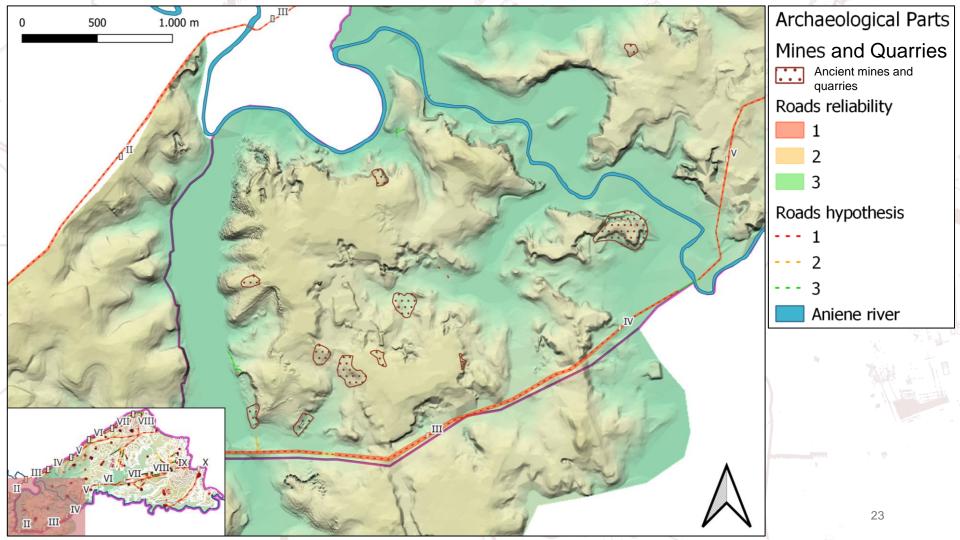


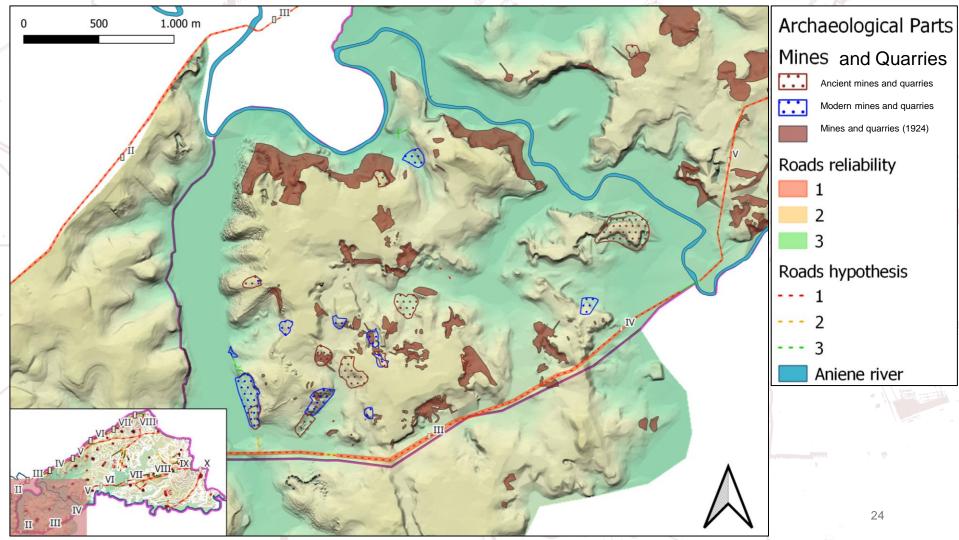


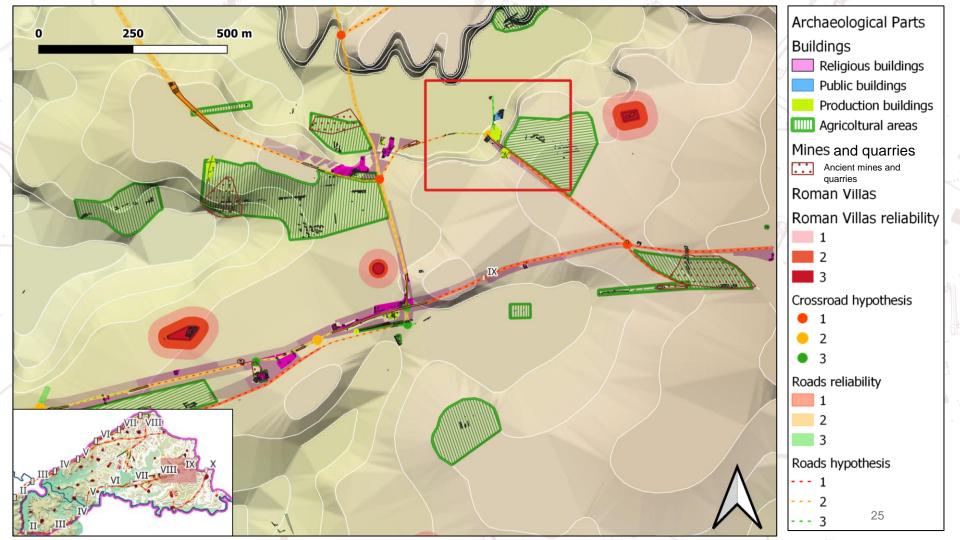


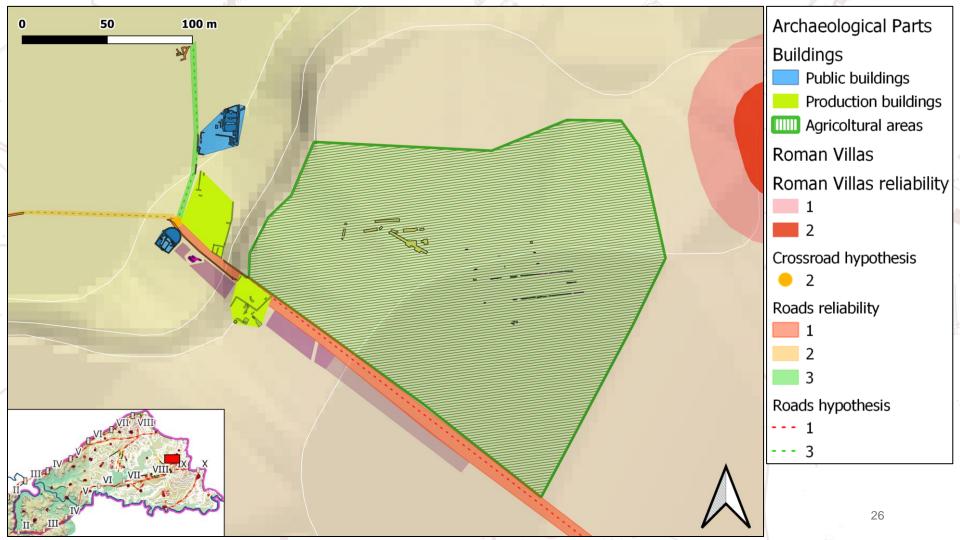






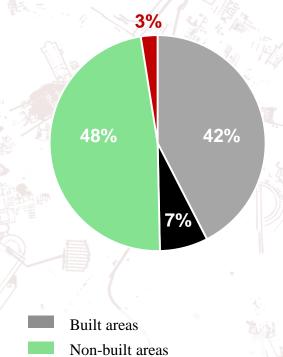




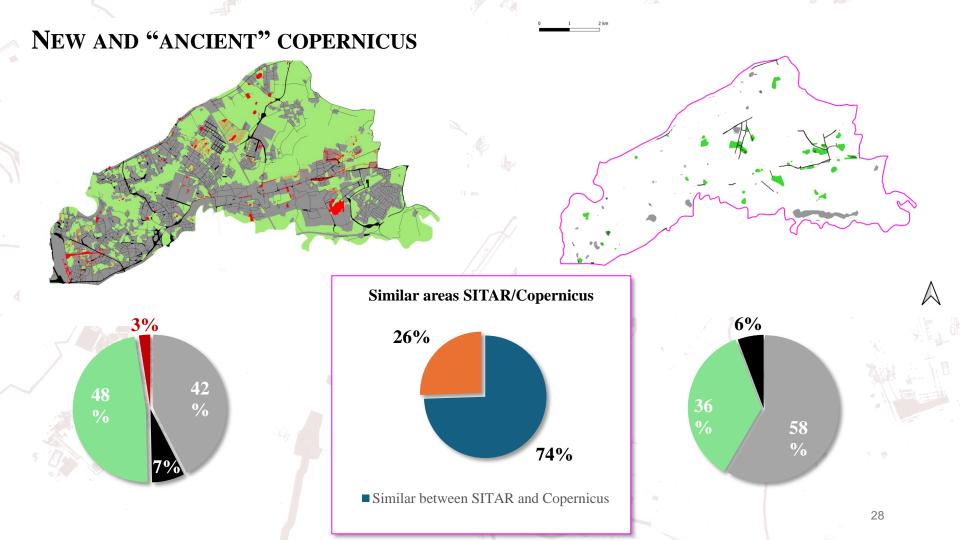


HOW MUCH HAVE WE DOCUMENTED?



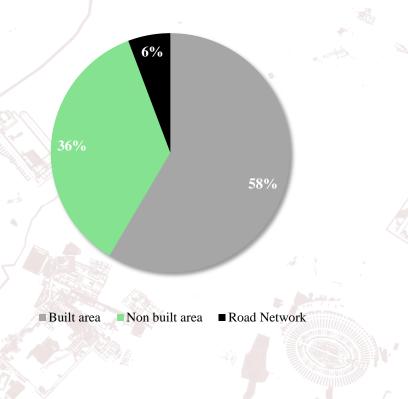


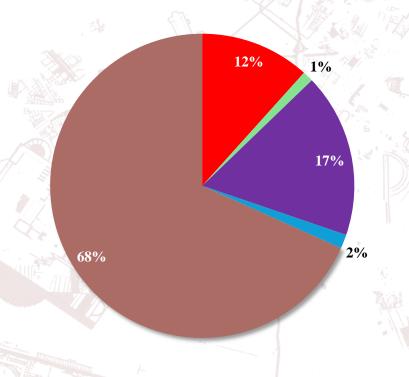
Road network SITAR DATA



Ancient landscape coverages

Built areas typologies





■ Villae ■ Productive ■ Necropolis ■ Religious/Public ■ Ancient mines and quarries

