

28-29 GIUGNO 2024 ore 10.00

ROMA E DEL SUO SUBURBIO Nuovi approcci

SITAR TEAM



SITAR: main institutional goals

to **OVERCOME** years of **delay** in standardization processes for archaeologica data management of the Superintendence

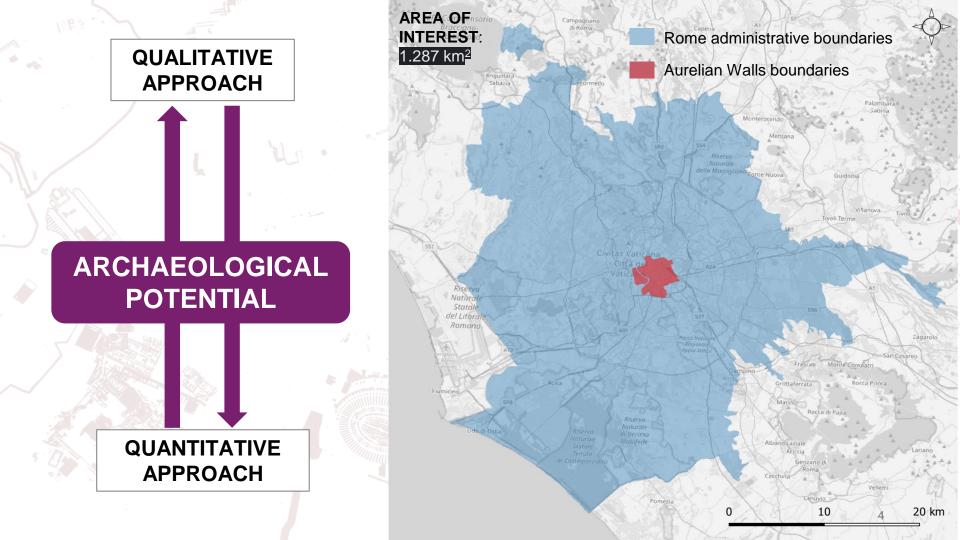
to <u>SIMPLIFY</u> management/administrative framework in order to enhance processes related to the protection and promotion of Cultural Heritage

to **BUILD** a flexible and dynamic tool that can be expanded and modified, according to new needs

to TAKE ADVANTAGE of previous experiences within the Superintendence and other institutions with already aquired and available data

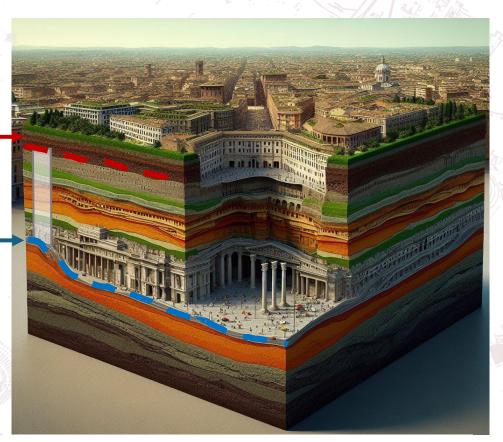
to **OFFER** an online opendata webgis tool for sharing archaeological data of Rome

to <u>PROVIDE</u> new tools in order to better inform and influence a responsible urban and landscape planning



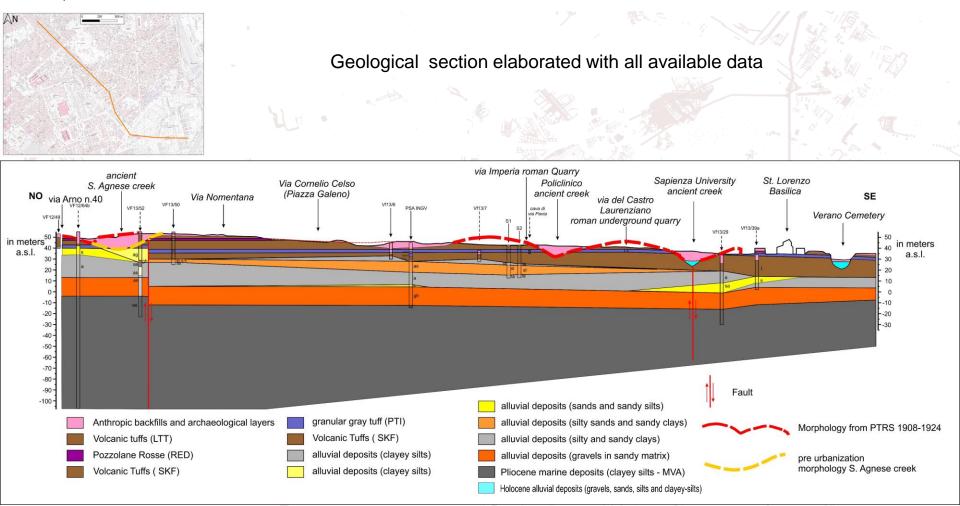
QUANTITATIVE APPROACH: DEFINING TOP AND BOTTOM LAYERS

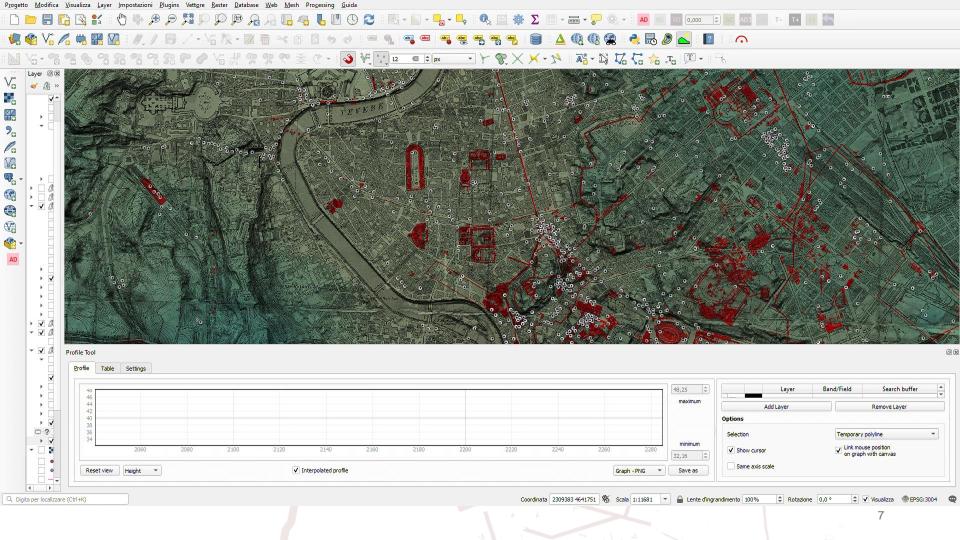
CURRENT SURFACE



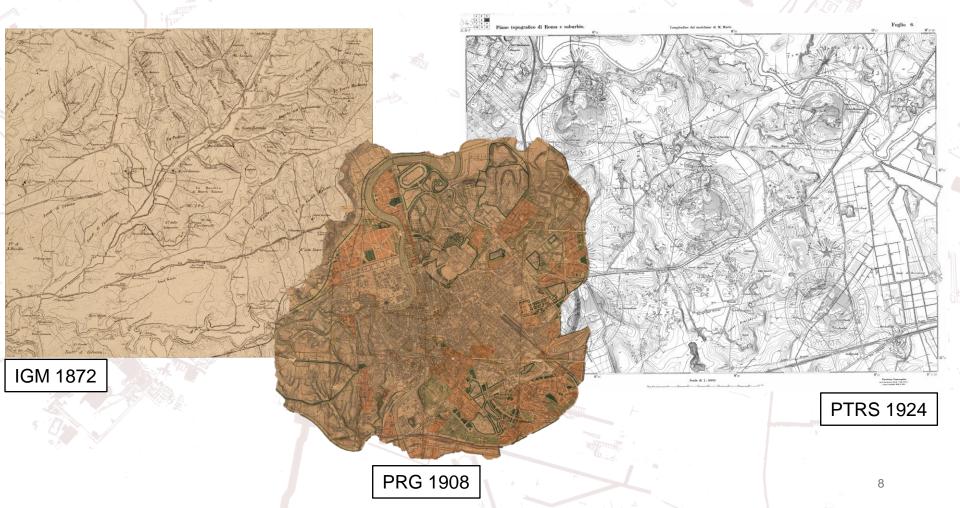
source: image created with Artificial Intelligence process

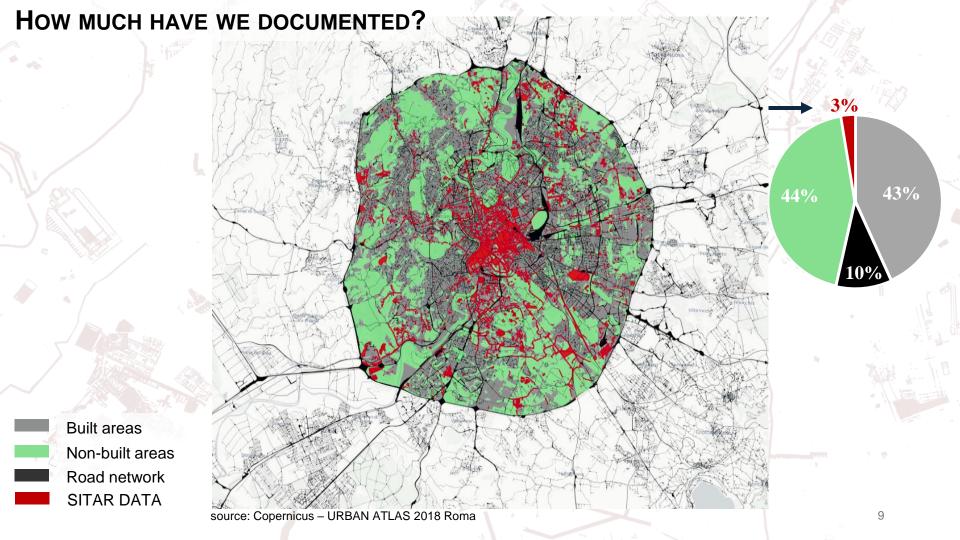
QUANTITATIVE APPROACH: DEFINING TOP AND BOTTOM LAYERS





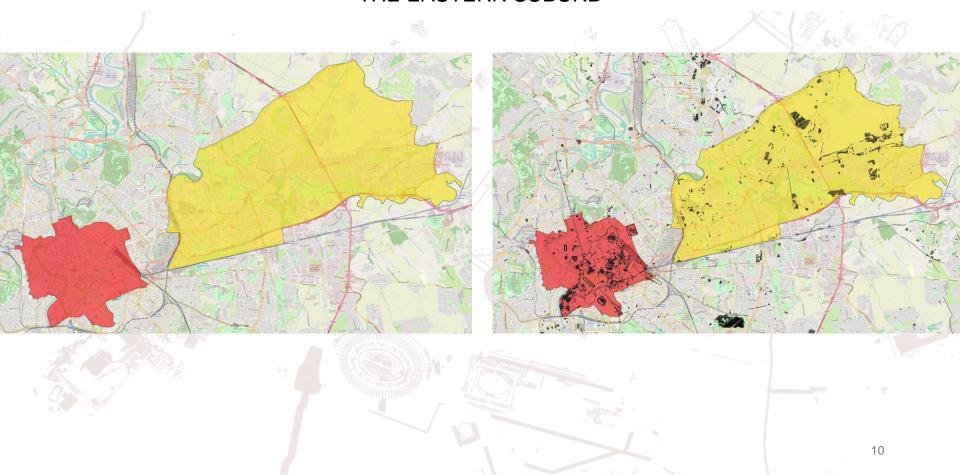
ANALYSING AND DIGITIZING HISTORICAL CARTOGRAPHY



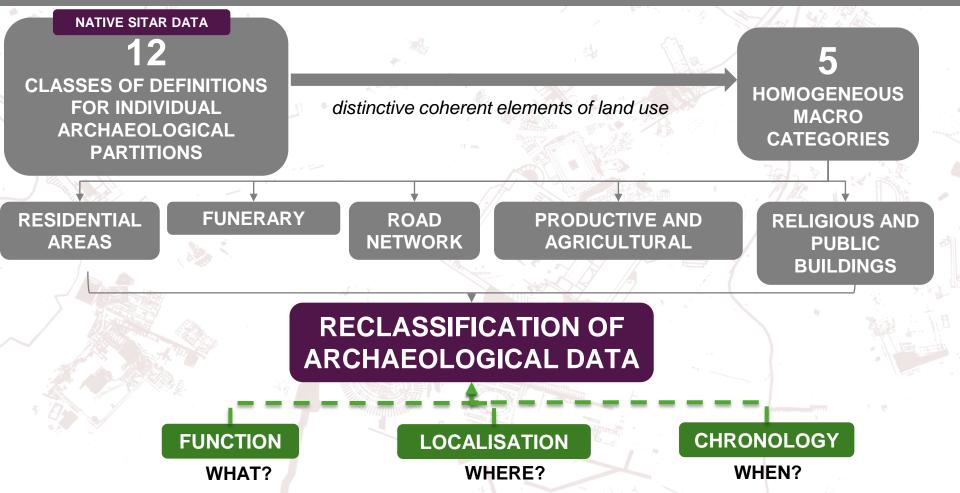


QUALITATIVE APPROACH

THE EASTERN SUBURB



QUALITATIVE APPROACH, METHODOLOGY: CLASSIFICATION OF DATA BY HOMOGENEOUS CATEGORIES



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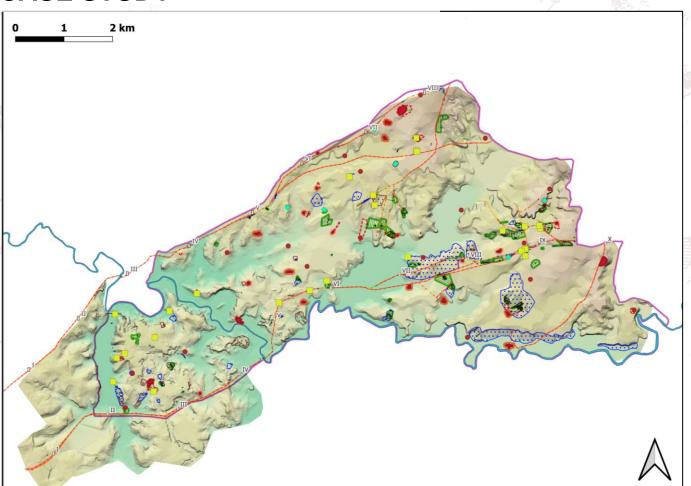
CLASSIFICATION OF DATA BY HOMOGENEOUS CATEGORIES	
CLASSES	RECONSTRUCTIVE CRITERIA APPLIED
ROAD NETWORK	Historical maps – Alignments - Geomorphology
FUNERARY	Extension hypothesis based on relative location to other classes (roads)
RESIDENTIAL AREAS	Location – Geomorphology - Relationship with other classes (roads, funerary)
PRODUCTIVE AND EXTRACTIVE AGRICULTURAL	Orientation – Geomorphology (location/exposure/slope)
RELIGIOUS AND PUBLIC BUILDINGS	Location - Multicentered localization

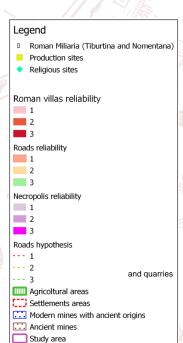
GEOMORPHOLOGY

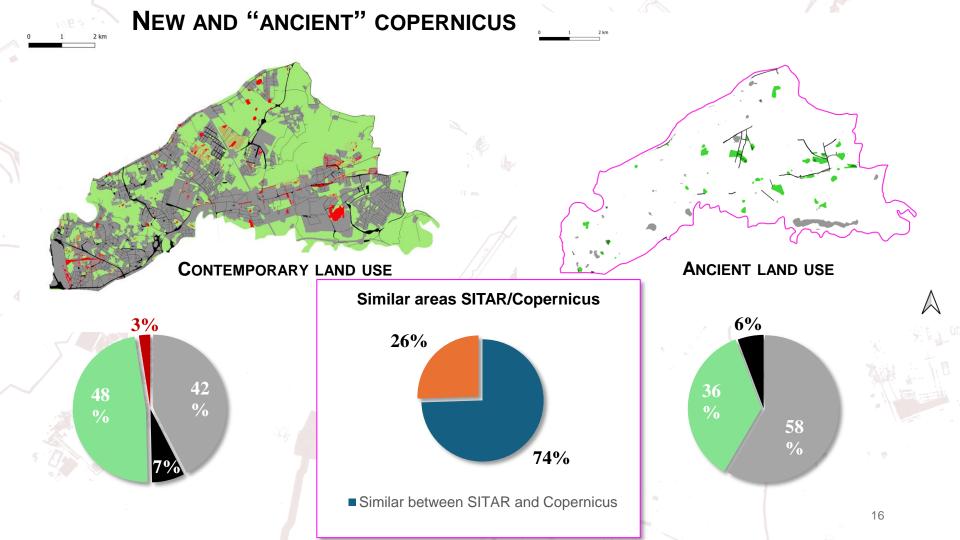
CATEGORIZING THE ARCHAEOLOGICAL PARTS (PA)

- 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

CASE STUDY











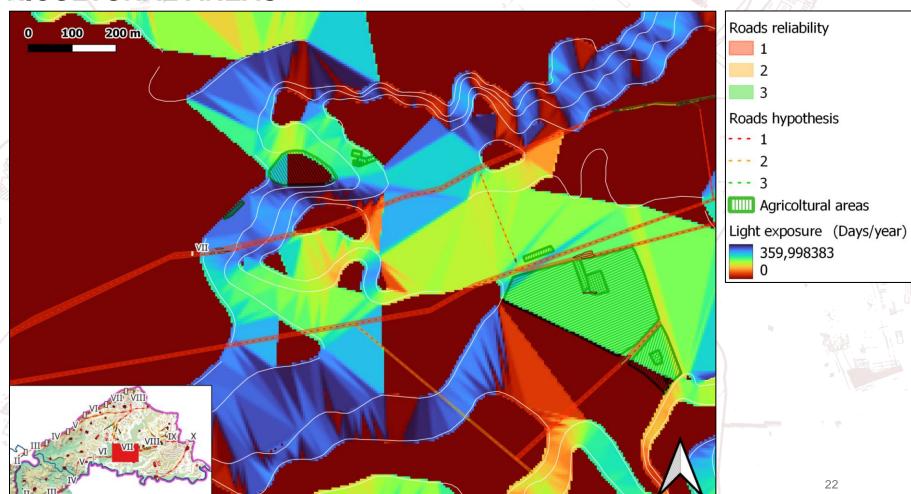




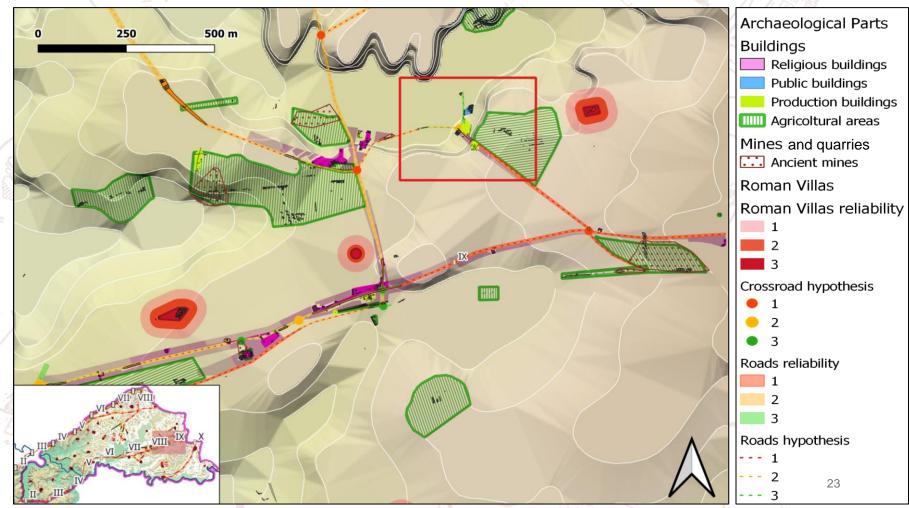
AGRICULTURAL AREAS



AGRICULTURAL AREAS



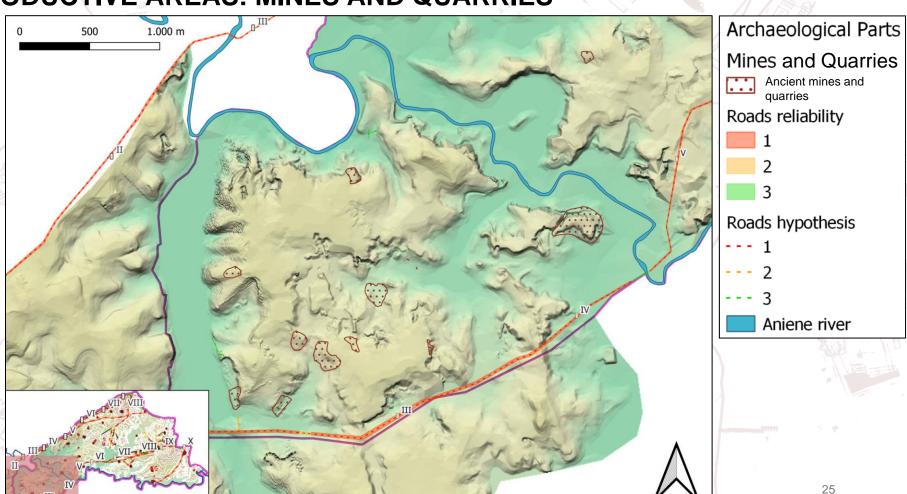
PRODUCTIVE AREAS



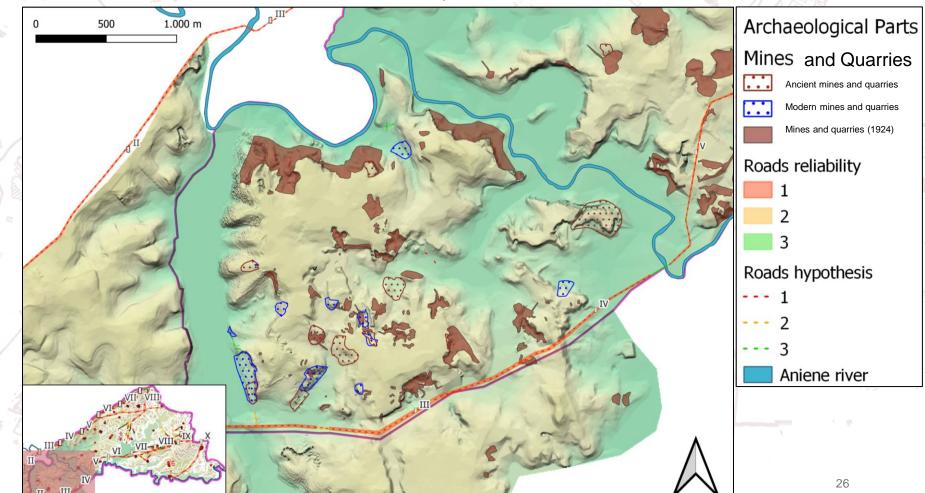
PRODUCTIVE AREAS



PRODUCTIVE AREAS: MINES AND QUARRIES



PRODUCTIVE AREAS: MINES AND QUARRIES



RESIDENTIAL AREAS



RESIDENTIAL AREAS Settlements typologies in SITAR [711] abitazione [65] domus [12] edificio rurale [35] fattoria [9] pars rustica [27] pars urbana [2] villa [305] villa rustica [256] Rome 15 km

ASSESSMENT DATA ANALYSIS

