SITAR: an open data infrastructure for a public archaeology of Rome

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Project Starting

Development, testing and first publication of data inside the Intranet webGIS of the Archaeological Superintendency of Rome

Implementation of SITAR database, expansion of the system’s logical architecture

Archive data completion of the Rome Archaeological Constraint Map

2007

2008

2009

2010

2011-2016

New web interface, functional implementation of webGIS and integration of data editing tools in geo-web applications

New WEB-GIS application inside a comprehensive distributed platform

New official website, new web-interface, consultation and research tools, Sharing Open Data

2017-2019

2020-2021

work in progress...

2022

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Technological property of the platform

**SCALABILITY**
- Dynamic sizing of resources according to real needs

**PERFORMANCE**
- Processing speed increase for data requests and response to the user (range in milliseconds)

**MAINTENANCE**
- Quicker interventions focused to the issue

**INTEROPERABILITY**
- System independent data to allow maximum interoperability with other existing systems
Technological property of the platform
Some numbers

How and for how long do visitors interact with the system?

30 minutes
Next steps

**SHORT TERM**
- methods and tools for archaeological impact assessment

**SHORT-MIDDLE TERM**
- SITAR in support of PNNR activities (European Recovery Plan)

**LONG TERM**
- 3D visualization of archaeological features
SITAR team

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Thanks!

For further information please visit: https://www.archeositarproject.it