



ARIADNEplus

An e-infrastructure for the archaeological
research community

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PIN

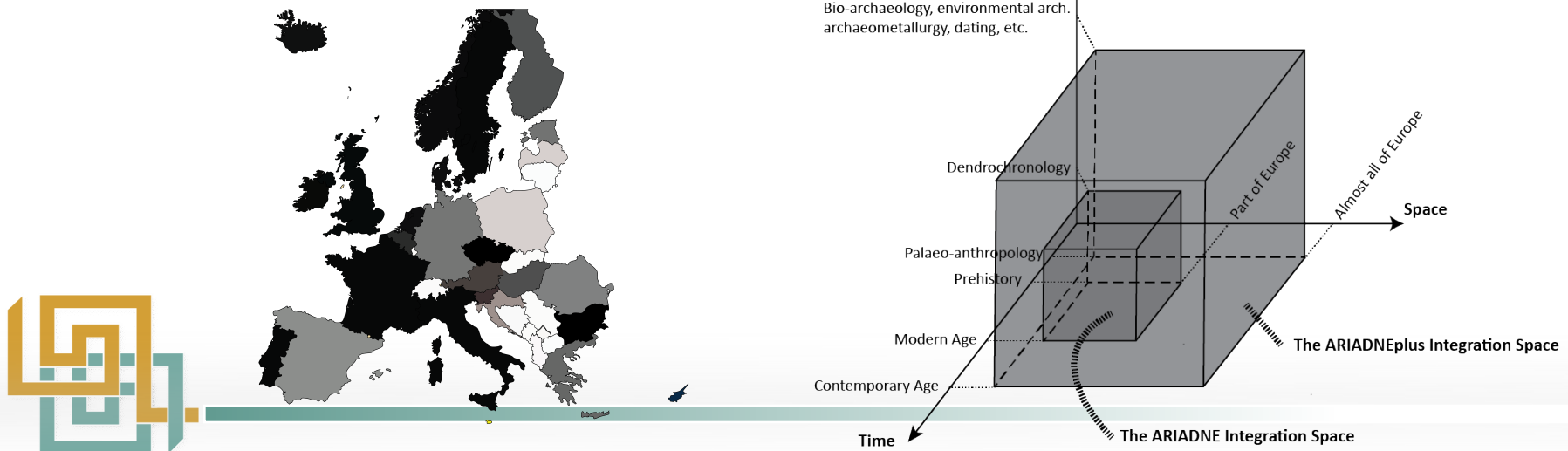
Project ccordinator



What is ARIADNEplus

ARIADNEplus is the continuation of ARIADNE (2013-2017) for the integration of archaeological datasets

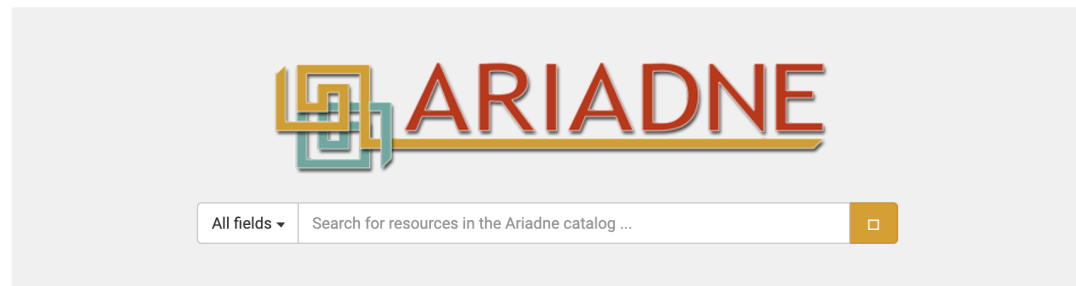
- It extends the existing 2,000,000 item ARIADNE catalogue
- It involves 41 partners from 23 EU countries + Japan, Israel, USA and Argentina
- It spans
 - From early hominids until today
 - Over all archaeological typologies
 - Over all of Europe and beyond
- It aggregates metadata from European national or institutional repositories for archaeological data (ADS in UK, INRAP, in FR KNAW-DANS in NL and more)
- It avails of semantic technologies for data discovery



ARIADNEplus features

- Metadata catalogue for resource discovery based on the ARIADNE Data Model, an implementation of the CIDOC-CRM based PARTHENOS Entity Model
- Semantic catalogue search based on facets: space – time – subject
- Further development of application profiles i.e. ontologies for all archaeological subdomains, to achieve item-based integration wherever suitable

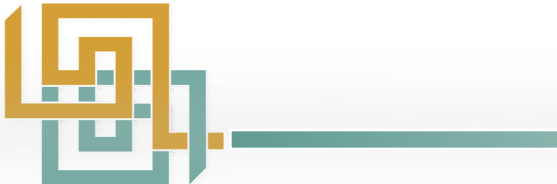
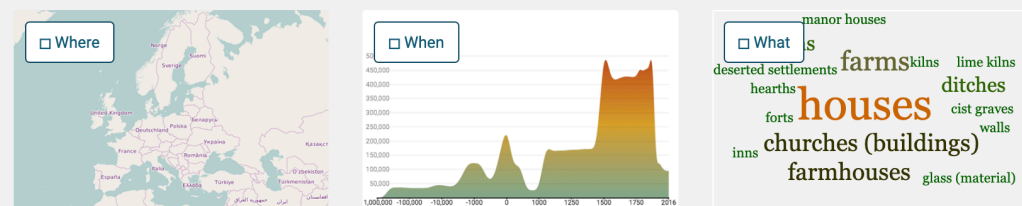
The ARIADNE
portal



Welcome

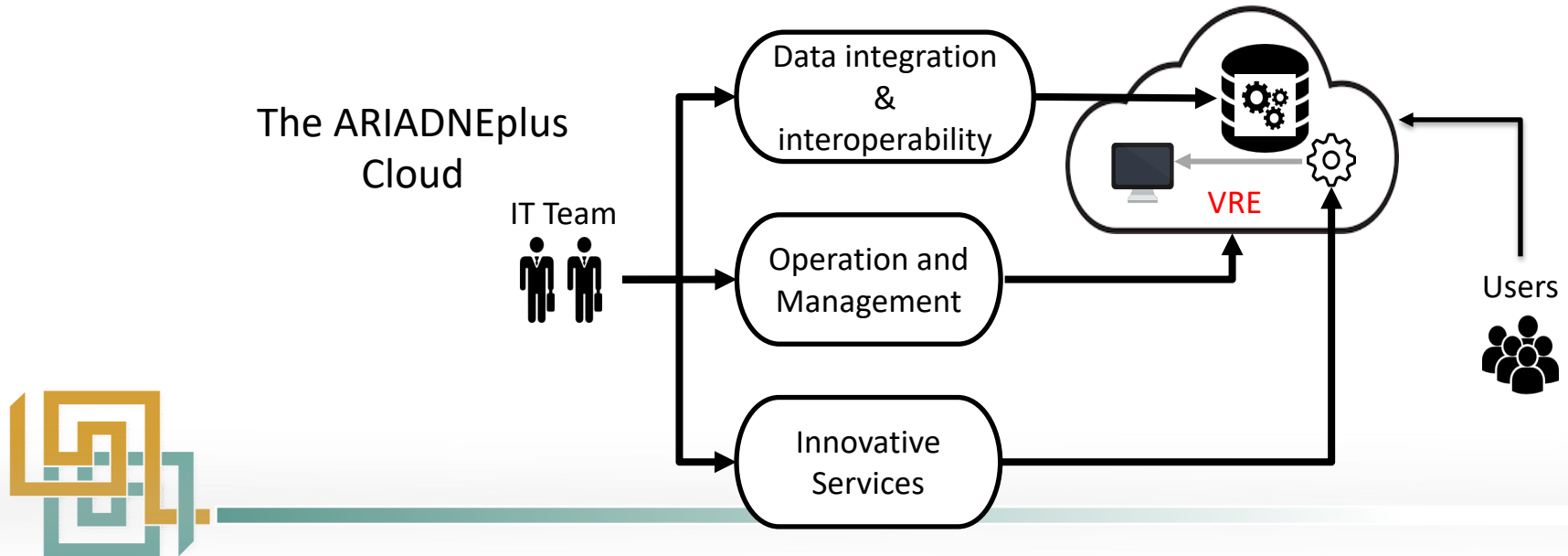
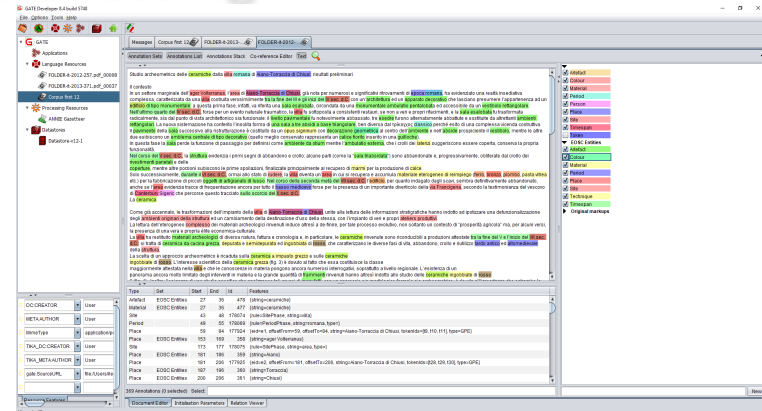
Explore the digital resources and services that ARIADNE has brought together from across Europe for archaeological research, learning and teaching.

Browse the Catalog



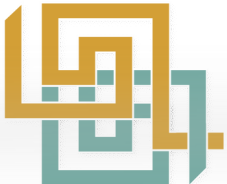
ARIADNEplus services and VRE

- Advanced services for data processing
 - NLP and text mining
 - Visual services (2D–3D)
 - Scientific data visualization
 - Geoserver
 - Ontological mapping
- VRE for collaborative data use and re-use



ARIADNEplus in Italy

- No global and reliable solution for archaeological data deposit presently available in Italy
- ARIADNE.it: an initiative to create a trusted repository for archaeological data
 - In the framework and under the aegis of ARIADNEplus
 - With the coordination of the Italian ARIADNEplus team
 - With the supervision and collaboration of GARR
 - INFN CNAF & CHNet to setup the repository for scientific data
 - CNR-ISTI to setup the research data repository
 - MIBAC to advise and contribute data
 - With the involvement of the academic research community
- Components already in advanced progress state
- Preliminary agreements established
- Policies, design and partial (test) implementation: end 2019



THANK YOU!

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The views and opinions expressed in this presentation are the sole responsibility of the authors and do not necessarily reflect the views of the European Commission.

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