

OpenAtlas



A Database System for the Humanities and Beyond

Alexander Watzinger

Olivia Reichl



Alexander Watzinger (Alex)



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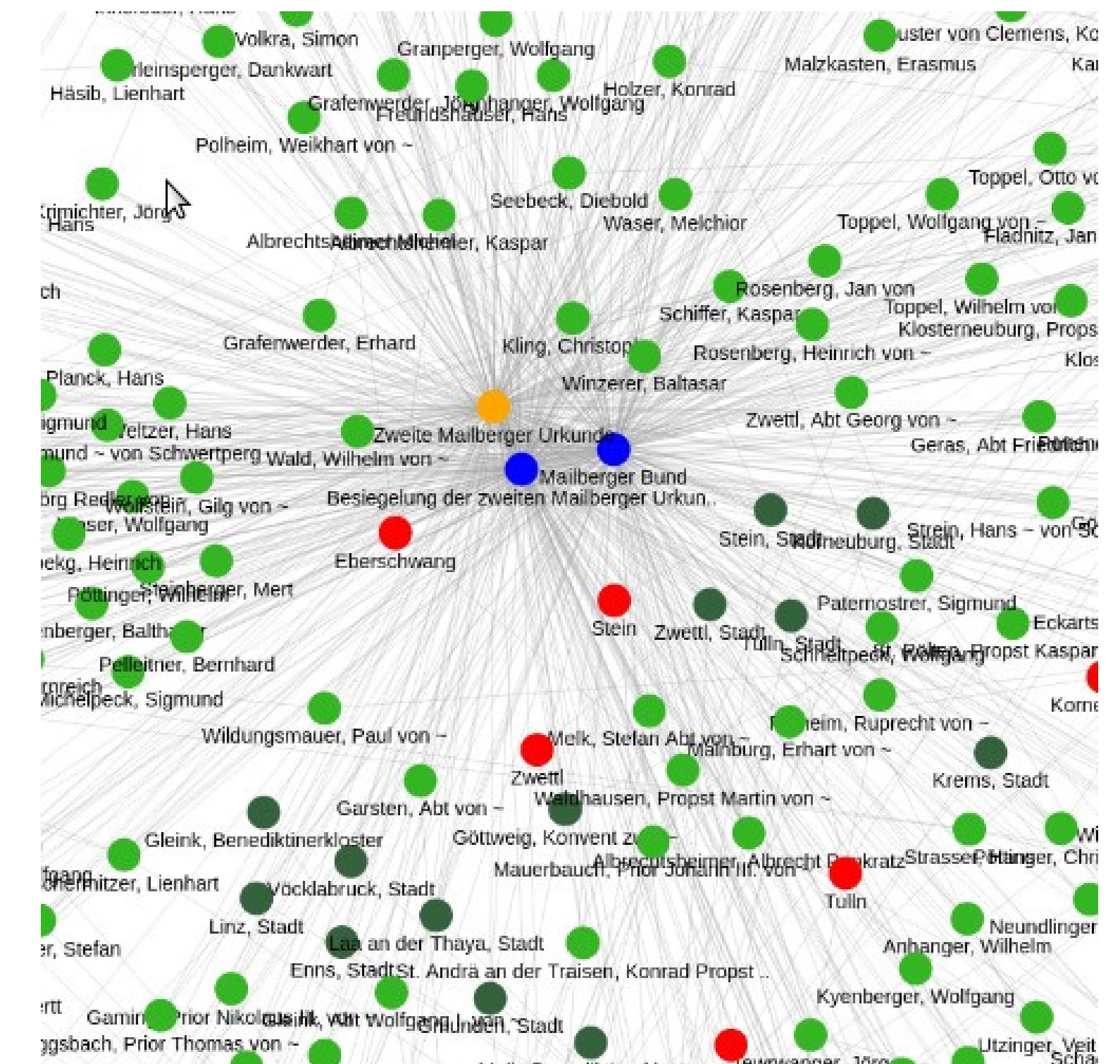
- Lead developer of OpenAtlas
- Works at the ACDH-CH, an institute of the Austrian Academy of Sciences
- Loves open source and scientific projects



About OpenAtlas

<https://openatlas.eu>

- Open source, browser based database software
 - Initiated about 10 years ago by Stefan Eichert
 - Acquire, edit and manage research data
 - CIDOC CRM as model
 - Mainly developed at the ACDH-CH



<https://demo.openatlas.eu/overview/network/>

OpenAtlas Cooperations

Projects from all fields of the humanities



THANADOS

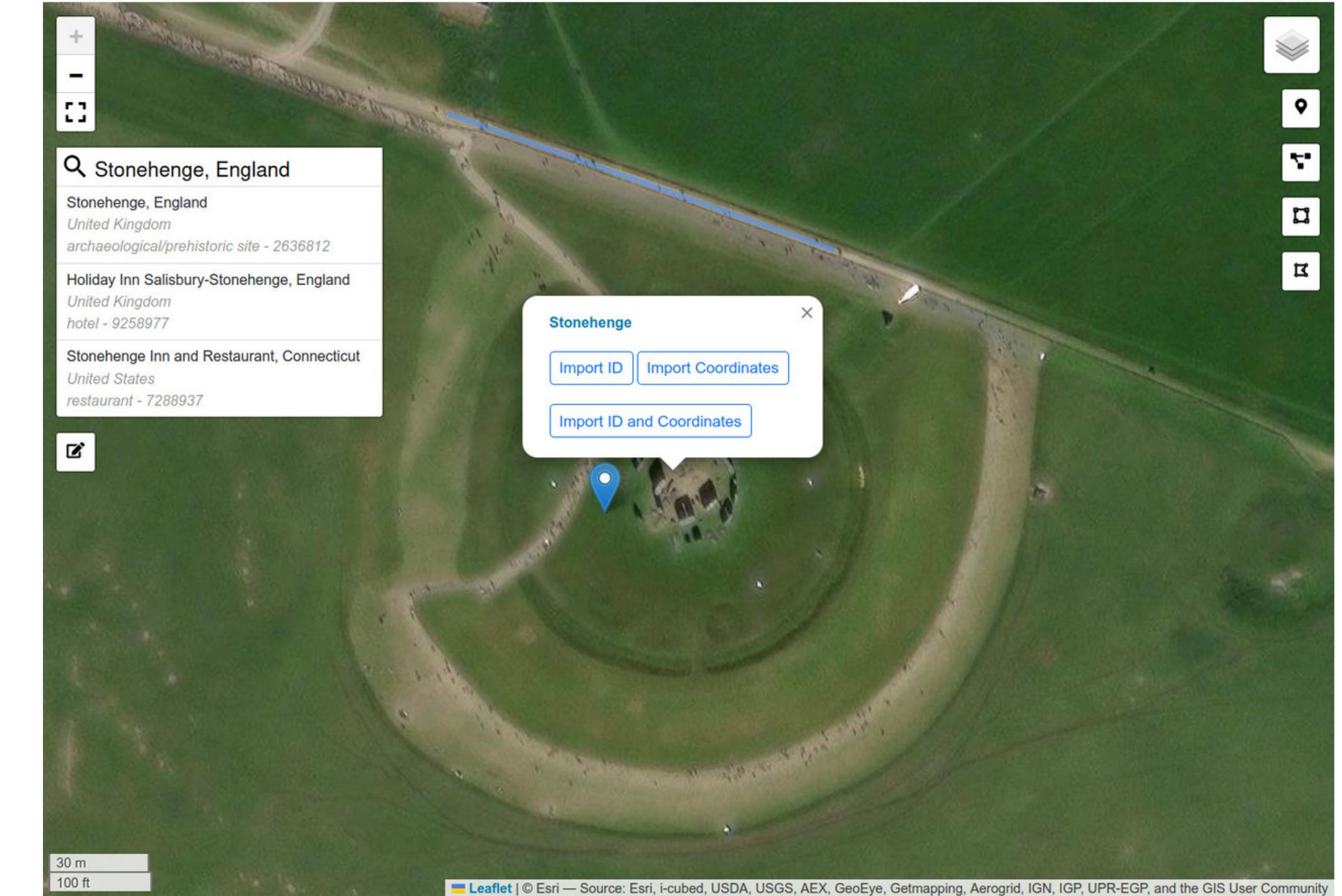


Moving Byzantium 



Mapping in OpenAtlas

- Point
- Line
- Locate, link and enrich data via GeoNames



<https://demo.openatlas.eu/insert/place>

Mapping in OpenAtlas

- Polygon (exact)
- Using overlays
- Enter coordinates in WKT format



<https://demo-dev.openatlas.eu/update/80767>

Mapping in OpenAtlas

- Polygon (uncertain)
 - It has to be big enough to be certain that the location is inside
 - It is possible to combine all mentioned shapes



<https://demo.openatlas.eu/insert/place>

Olivia Reichl

- Frontend developer at OpenAtlas
- Works at the ACDH-CH
- Currently pursuing a master's degree at the Danube University of Krems
- Loves everything about good design, gamification and life-long learning





OpenAtlas Discovery

April 23rd, 2024

ACDH-CH Research Day - Methods of Investigating Space



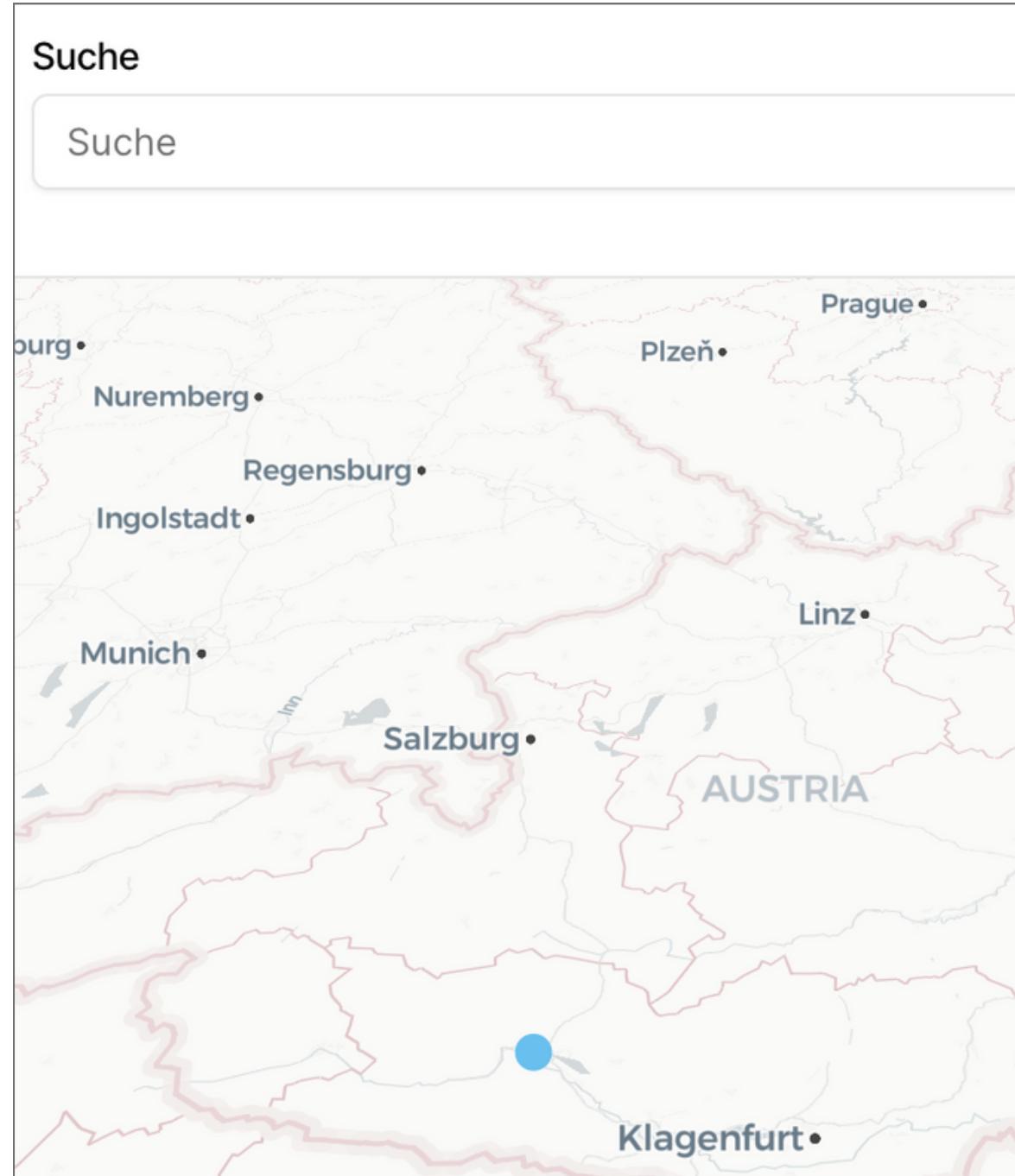
OpenAtlas Discovery

Presentation Site for OpenAtlas Projects

<https://frontend-demo-dev.openatlas.eu>

- Currently in development
- Open source, available on [GitHub](#)
- Make project data and results accessible for a broader audience

2 Parts



Team

Fugiat quis anim mollit sit nulla do dolore dolor eu
reprehenderit proident eu tempor est adipisicing
cupidatat adipisicing. Eiusmod aliquip magna dol
non sint eu dolor.



Stefan Eichert

Stefan is the initiator and master mind behind the OpenAtlas project. His main research fields



OpenAtlas Discovery

Features

Accessible

Visual

Configurable



OpenAtlas
Discovery

Writing in EN ▾ Fill in from another locale ▾

FIRST NAME (OPTIONAL)

LAST NAME

TITLE (OPTIONAL)

IMAGE (OPTIONAL)

Choose an image

Insert from URL

SHORT BIOGRAPHY

B I <> ⌂ H „ “ ⌂ ⌂ +

COLORS

BRAND #b8cf5b

GEOJSON FEATURES #69c0ef

DEFAULT LOCALE English

LOGOS

LOGO (LIGHT MODE)

Logo in light mode

Choose different image

Replace with URL

Remove image

LOGO (DARK MODE)

OpenAtlas Discovery

Current Development

- CMS
- Detail views for different categories, e.g. Artifact, Places, Actors, ...
- Map visualizations, e.g. movement, uncertainty
- Network visualization for linked data



Event

Alias 1, Alias 2, Alias 3
No known calendar dates
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut et massa mi. Aliquam in hendrerit urna.

Single Grave Height Length Width Stone Placement Flat Grave



< Preceding: EventName Superceeding: EventName >

Parent-event title
Description: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut et massa mi.

Sub-Events
Sub-Event 1

Actors
 Title Involvement From - Till

Details
TITLE Some Property BIBLIOGRAPHY Piccottini 1976
STRATIGRAPHIC UNIT Burial 01/72

Actor

Alias 1, Alias 2, Alias 3
No known calendar dates
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut et massa mi. Aliquam in hendrerit urna.

Single Grave Height Length Width Stone Placement Flat Grave



Important Places
 Title Residency From - Till  Title Involvement From - Till

Relations
 Title Residency From - Till  Title Involvement From - Till

Title

Details
TITLE Some Property BIBLIOGRAPHY Piccottini 1976
STRATIGRAPHIC UNIT Burial 01/72

Group

Alias 1, Alias 2, Alias 3
No known calendar dates
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Single Grave Height Length Width Stone Placement Flat Grave



Important Places
 Title Residency From - Till  Title Involvement From - Till

Relations
 Title Residency From - Till  Title Involvement From - Till

Members
 Title Involvement From - Till



OpenAtlas Discovery

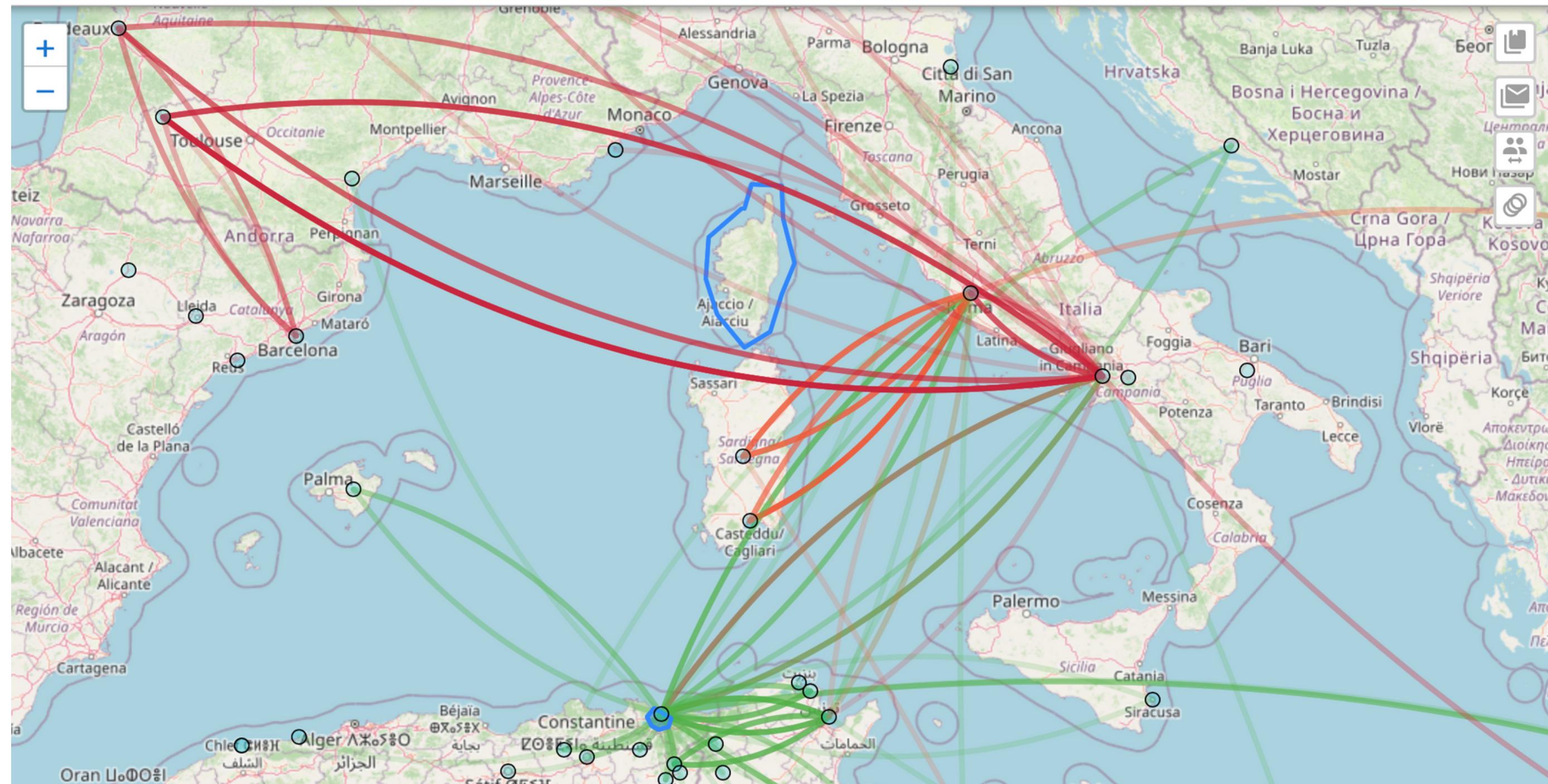
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OpenAtlas
Discovery



<https://discover-conneC.openatlas.eu/map>

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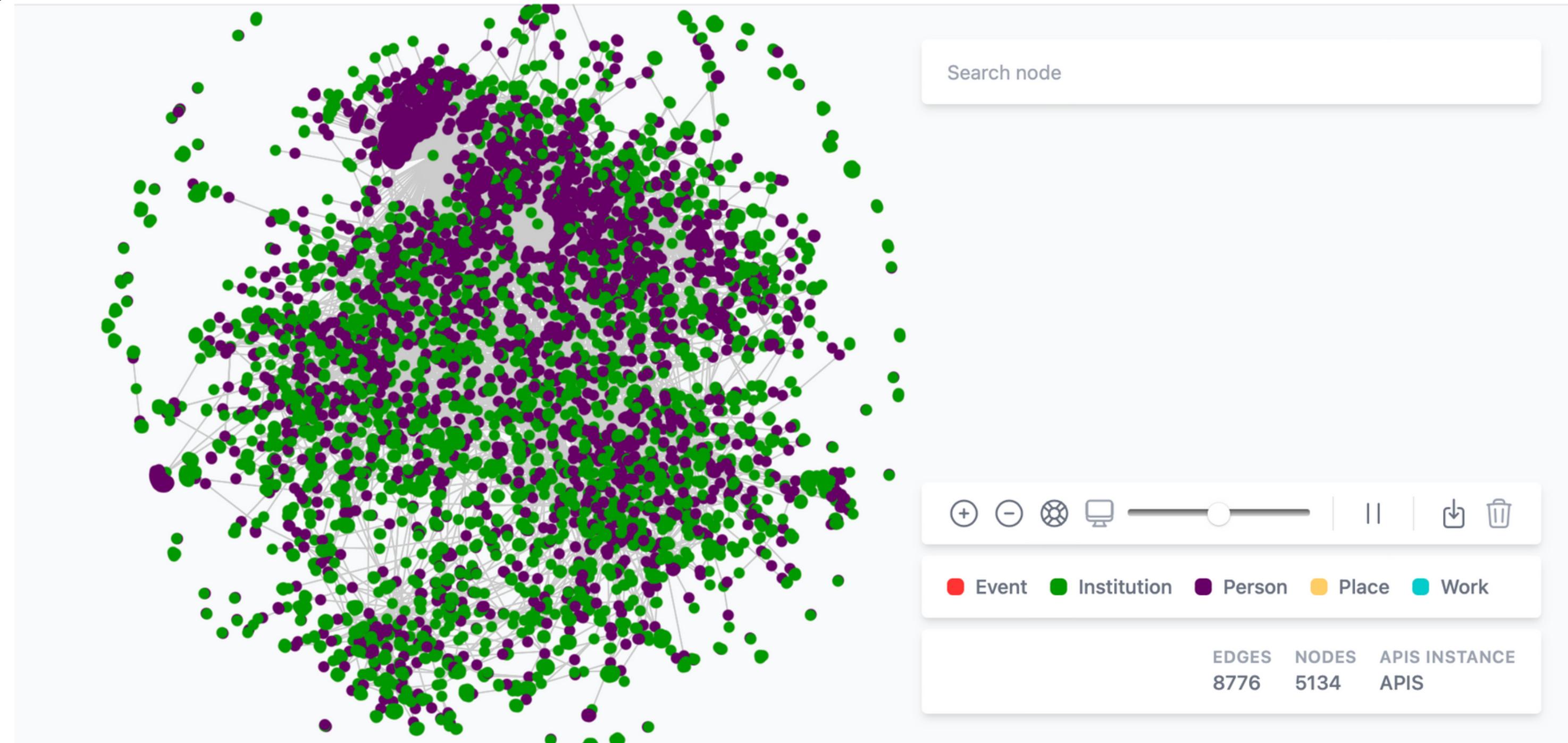


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<https://apis-hub.acdh-dev.oeaw.ac.at/networks/apis>

**Feedback,
especially at this early
stage, is welcome :)**

✉ openatlas@oeaw.ac.at

📎 [Redmine](#)

Thank you for listening

OpenAtlas



<https://openatlas.eu>