

# #SRDD2020 Panel 4

## Geovistory Workshop

How to implement FAIR data production in  
a virtual research environment.

# Workshop Agenda

- Who is KleioLab?
- What is Geovistory?
- How does it link to FAIR Data production?
- Applied Workshop
- Discussion & Feedback

# Who are we?

Kleio Lab is a Start-Up from Basel founded in 2017.



Francesco Beretta



Jonas Schneider



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# What do we do?



**Geovistory**

is a collaborative **virtual research environment** for the digital humanities.

Producing semantic research data according to the **FAIR principles**.



# Geovistory

is a collaborative **virtual research environment** for the digital humanities.

Manage your sources.  
Annotate digitals.  
Manage your research data  
Visualize.

Producing semantic research data  
according to the FAIR principles.



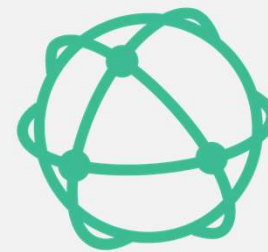
# Geovistory



Toolbox



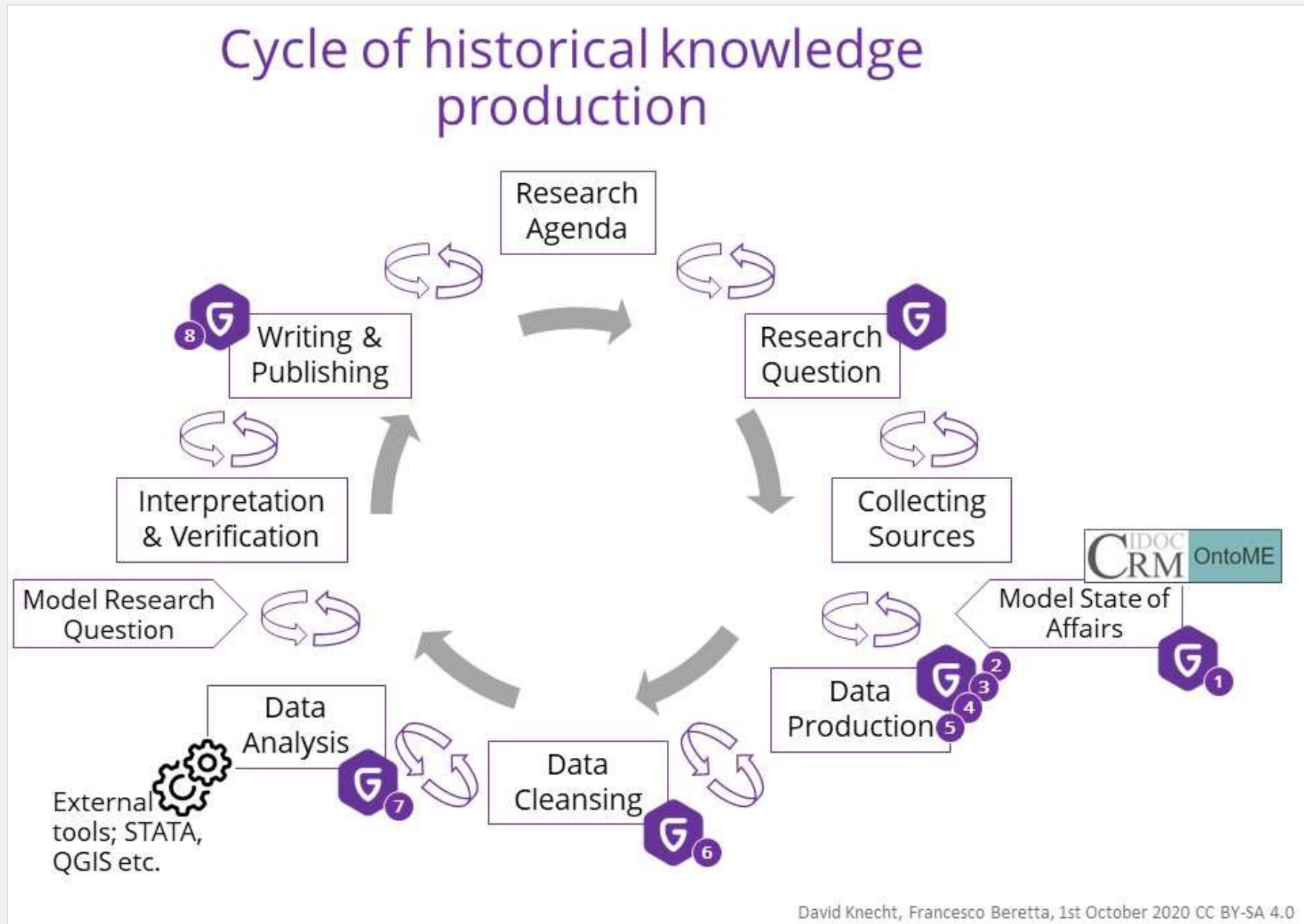
Repository



Public



# How Geovistory interacts?





# Geovistory

is a collaborative virtual research environment  
for the digital humanities.

Producing semantic research data  
according to the FAIR principles.

Powered by

KleioLab





# Geovistory

is a collaborative virtual research environment for the digital humanities.

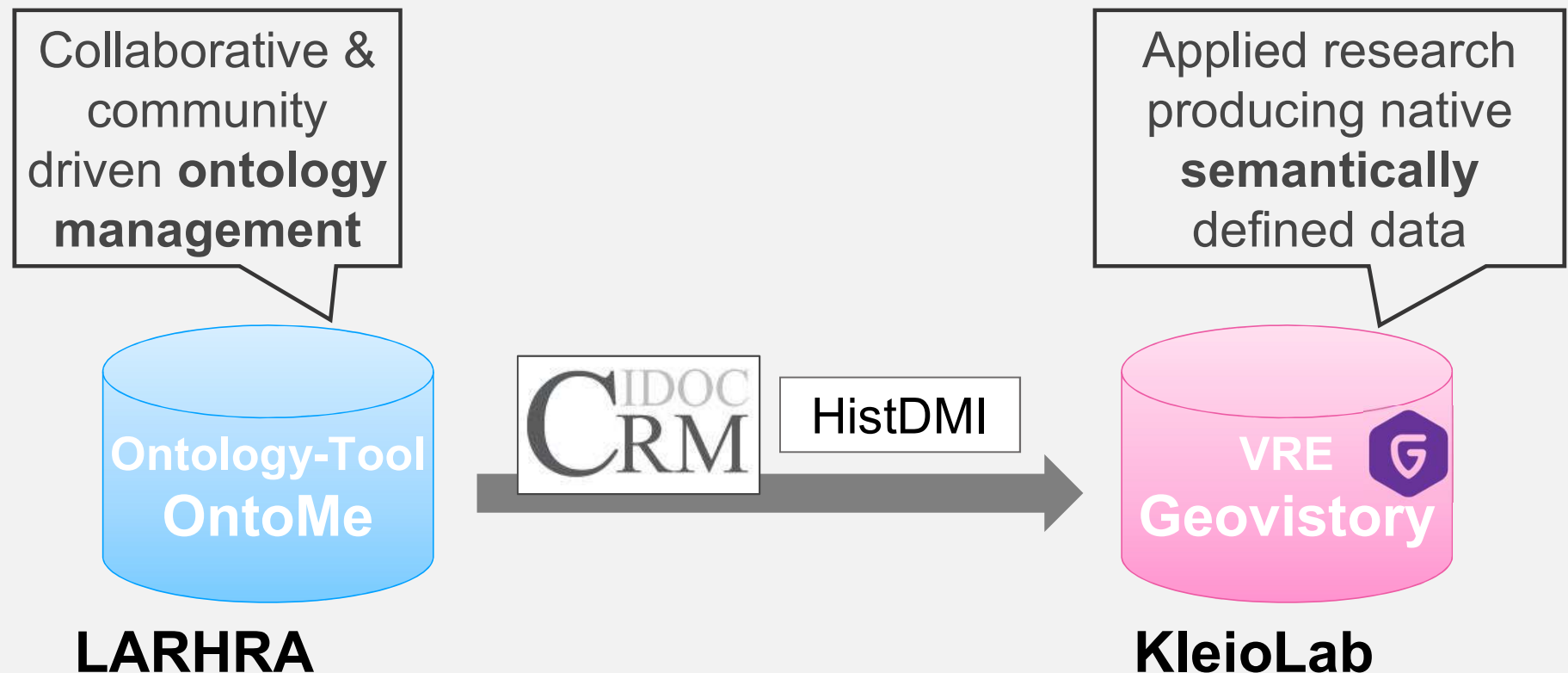
Manage your sources  
Annotate digitals  
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Visualize

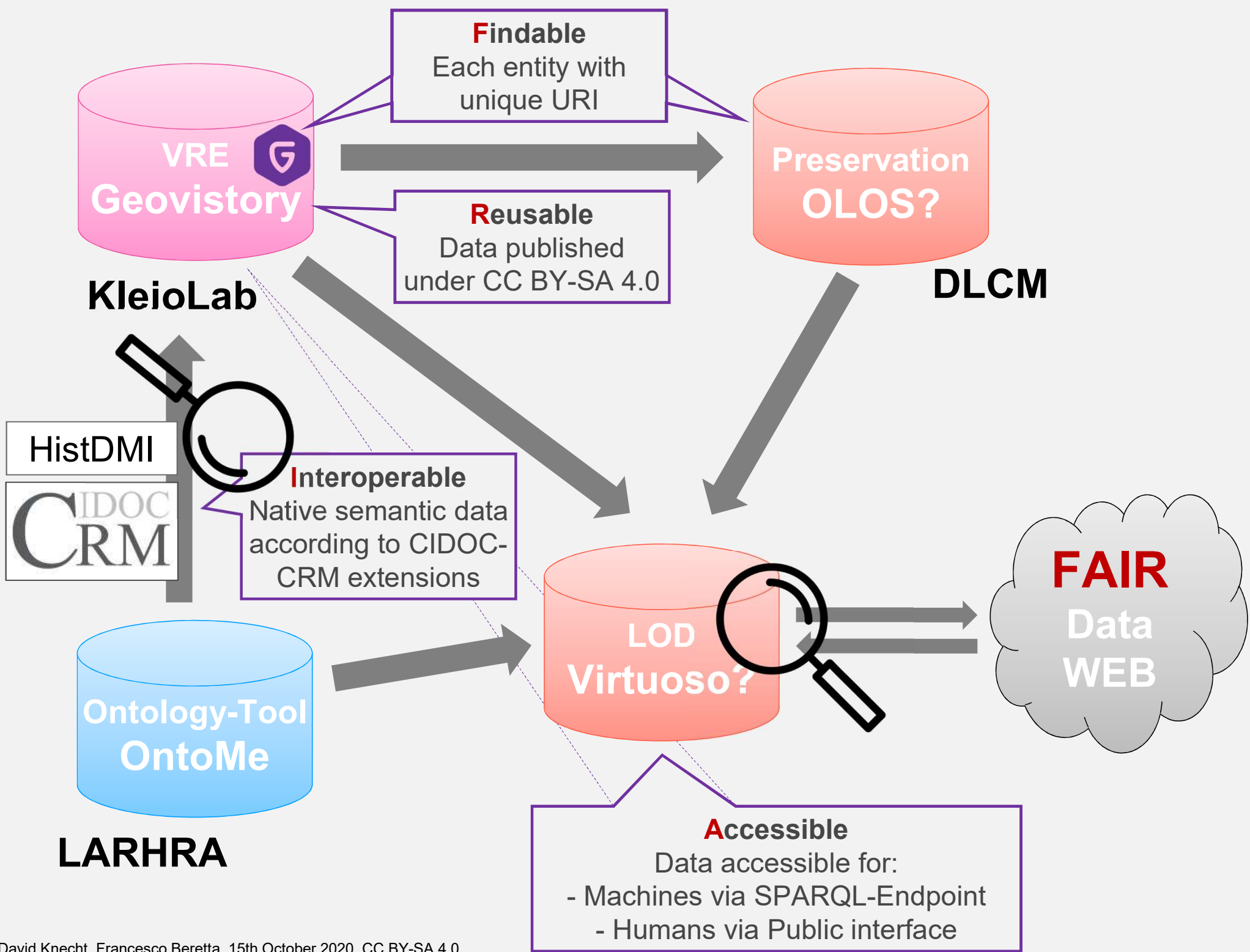
Producing semantic research data  
according to the **FAIR** principles.

Applies a high-level ontology for semantic data  
Open data under CC BY-SA 4.0 licence  
LOD via SPARQL-Endpoint  
Longterm archiving of produced data

# FAIR Principles Applied

Partnership Convention between  
KleioLab and «Pôle Histoire Numérique»  
of LARHRA





# Demonstration LOD

The screenshot displays the Geovistory web application interface. The browser address bar shows the URL <https://www.geovistory.com/projects/84760/edit>. The application header includes navigation links for Home, Your Projects, and Maritime history, along with a feedback button and a Beta badge.

The main interface is divided into several sections:

- Sources:** A list of active projects including "Serial... - Generale missi...", "All ships", "All ship voyages", and "Ship voyages to Jakarta".
- Analysis Configuration:** A panel with "Save" and "Run" buttons, and a "Date" dropdown set to "Nov 23, 1626 AD".
- Chosen geographical entities:** A section for selecting classes and types, currently set to "Geographical Place, City, Country, Village".
- Path:** A section for defining the path, showing a relationship between "Geographical Place, ..." and "is arrival place of voya...".
- Filter:** A section for filtering results, with a condition set to "Has one of the properties" and "is arrival place of voyages".
- Map:** A map of Europe showing a path of ship voyages. A tooltip indicates the date "Nov 23, 1626 AD" and provides the instruction "Click on a point to inspect".
- Timeline:** A chart showing the frequency of events over time, with a x-axis ranging from 1630 to 1730. The chart shows a dense series of peaks, indicating frequent events.

The interface also includes a "Settings" icon in the bottom left corner and a "CESIUM Ion" logo on the map.

# Applied Workshop

## Objectives of Exercise

- Familiarize yourself with the core functionalities of Geovistory
- Understand how to manage ontological classes and controlled vocabularies in Geovistory in order to ensure interoperability among research projects

## Exercise Description

<https://cloud.kleiolab.ch/s/NGSkKpkxFiD2Gws>

## Procedure

- 10min to explore yourself
- 10min interactive demo on the vocabulary & ontology part
- 10min for varia on request

## Geovistory Manual

<https://kleiolab.gitbook.io/geovistory-manual/>

# Discussion

## **Testing Geovistory as a working tool**

- What was convincing?
- What was difficult?
- What is missing?
  - From FAIR-Data perspective?
  - From a researcher perspective?

Thanks for your  
attention & participation

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