

# WikiTory

A Participatory Inventory of Cultural Heritage

Jean-Olivier Gransard-Desmond, ArkéoTopia / Jogd75  
Louis-Sinan Cappoen, ArkéoTopia

**ARKÉO** |  
**TOPIA**  
Une autre voie pour l'archéologie



**GLAM WIKI  
CONFERENCE 2023**

# Contents

1. WLM Issues
2. Historic of Extension Project
3. WikiTory Aims
4. Wikitory Design
5. Next steps
6. Call for Contributions
7. Demo
8. Bibliography

# WLM Issues



# WLM Issues

Among the world, the WLM contest is losing momentum as photographic targets become rarer.



- Belgium chapter launched Wiki Loves Heritage in 2018
- French chapter has stopped the contest since the last edition in 2021
- Other issues have arisen

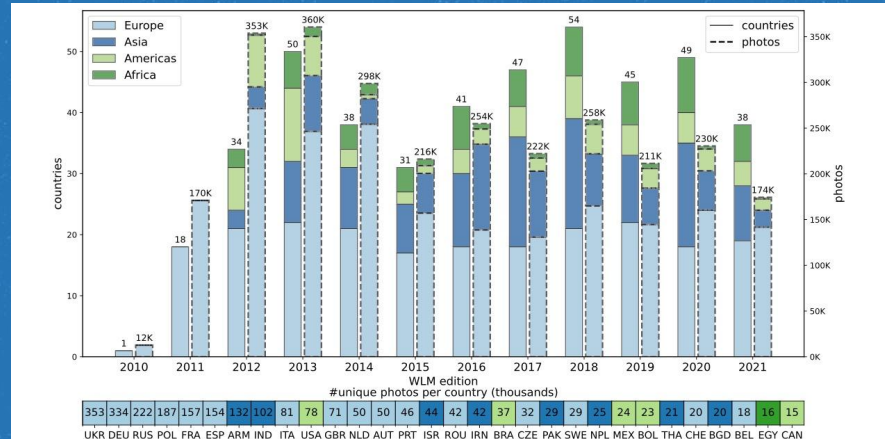


Fig. 2. Temporal evolution of the volume of uploaded photos in different WLM editions (top). Top 30 countries by volume of uploaded photos grouped by country and continent (bottom). Country names are abbreviated with the ISO 3166-1 standard codes.

# Historic of Extension Project

# Historic of Extension Project

WLM concept is fundamental for archaeology and cultural heritage

ArkéoTopia looked for a solution:

1. January, 2021: Jogd75 suggests to design a participatory inventory platform
2. February to December, 2021: Cartodata between Jogd75 and Poslovitch
3. December, 2021-January 2022: Jogd75 and Schifane try to raise funds
4. February, 2022: Jogd75 assembles a team to launch the WikiTory project

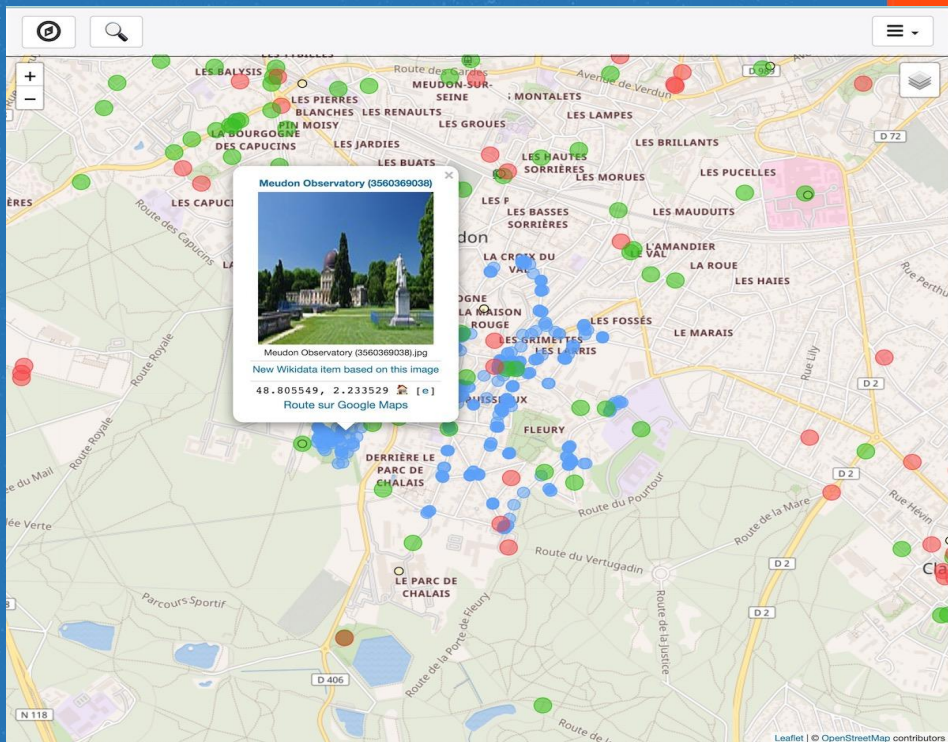


# Historic of Extension Project

## WikiShootMe

[meta.wikimedia.org/wiki/WikiShootMe](https://meta.wikimedia.org/wiki/WikiShootMe)

1. Good tool, but no integration of organizers dashboard and cartographers role ⇒ let's make it evolve
2. Attempt to contact the team
3. No feedback
4. Decision to create a specific platform for WikiTory



# Historic of Extension Project

WLM concept is fundamental for archaeology and cultural heritage

ArkéoTopia looked for a solution:

1. January, 2021: Jogd75 suggests to design a participatory inventory platform
2. February to December, 2021: Cartodata between Jogd75 and Poslovitch
3. December, 2021-January 2022: Jogd75 and Schifane try to raise funds
4. February, 2022: Jogd75 assembles a team to launch the WikiTory project
5. September, 2023: A first usable prototype of WikiTory is presented to ArkéoTopia



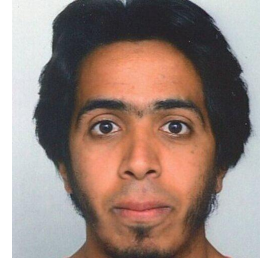
# WikiTory Team



**Gransard-Desmond  
Jean-Olivier**  
Project leader  
Icono-archaeologist



**Cappoen  
Louis-Sinan**  
IT Project Manager  
Data engineer



**Khalfi  
El Mehdi**  
Programmer  
IT R&D engineer



**Salehddine  
Nadia**  
Programmer  
Programmer



**Kayser  
Valentin**  
Webmastering  
Webmaster



**Esnault  
Christiane**  
Translator supervisor  
Communication manager

**GLAM WIKI  
CONFERENCE 2023**

Saturday, November 18, 2023

# WikiTory Aims

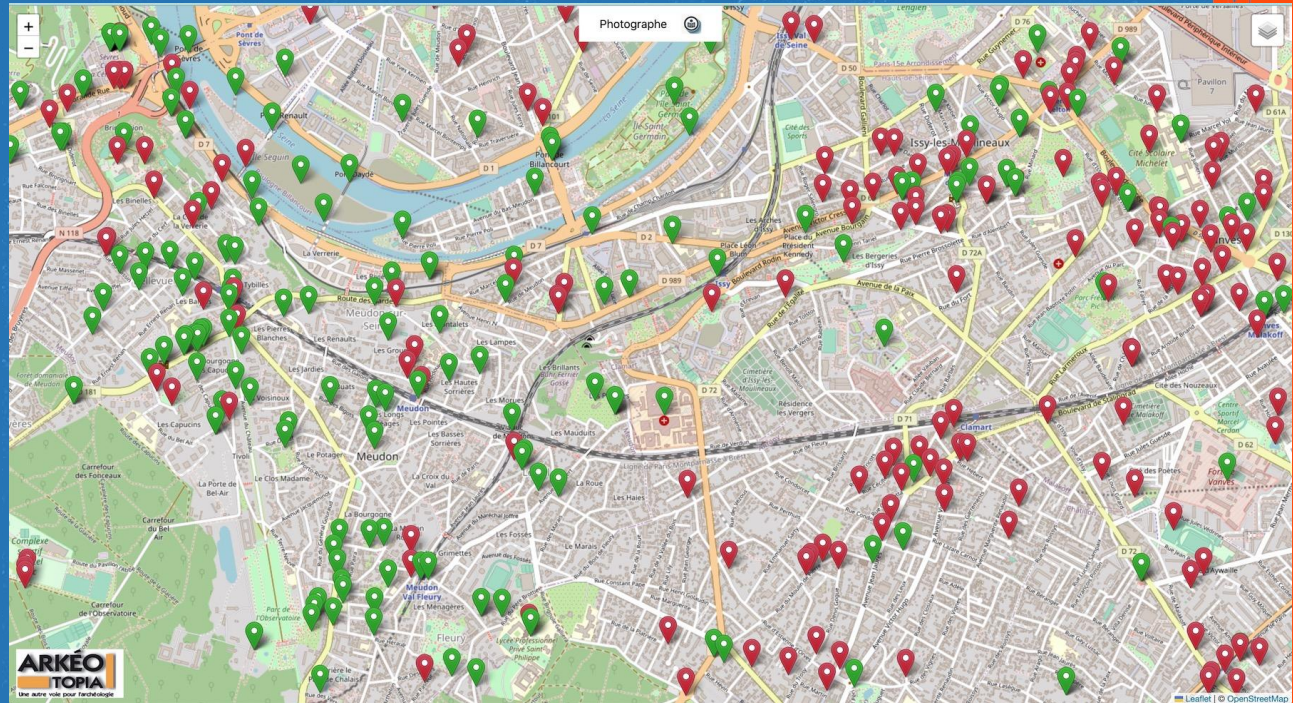


# WikiTory Aims

Developing a participatory inventory of Cultural Heritage which will facilitate Wiki Loves contests and that everyone can host.

WikiTory will facilitate:

- Photographers role thanks to red target and uploading facilitations
- Contest organizers roles thanks to a specific dashboard
- Cartographers role thanks to legend
- Wikifiers roles thanks to a specific dashboard

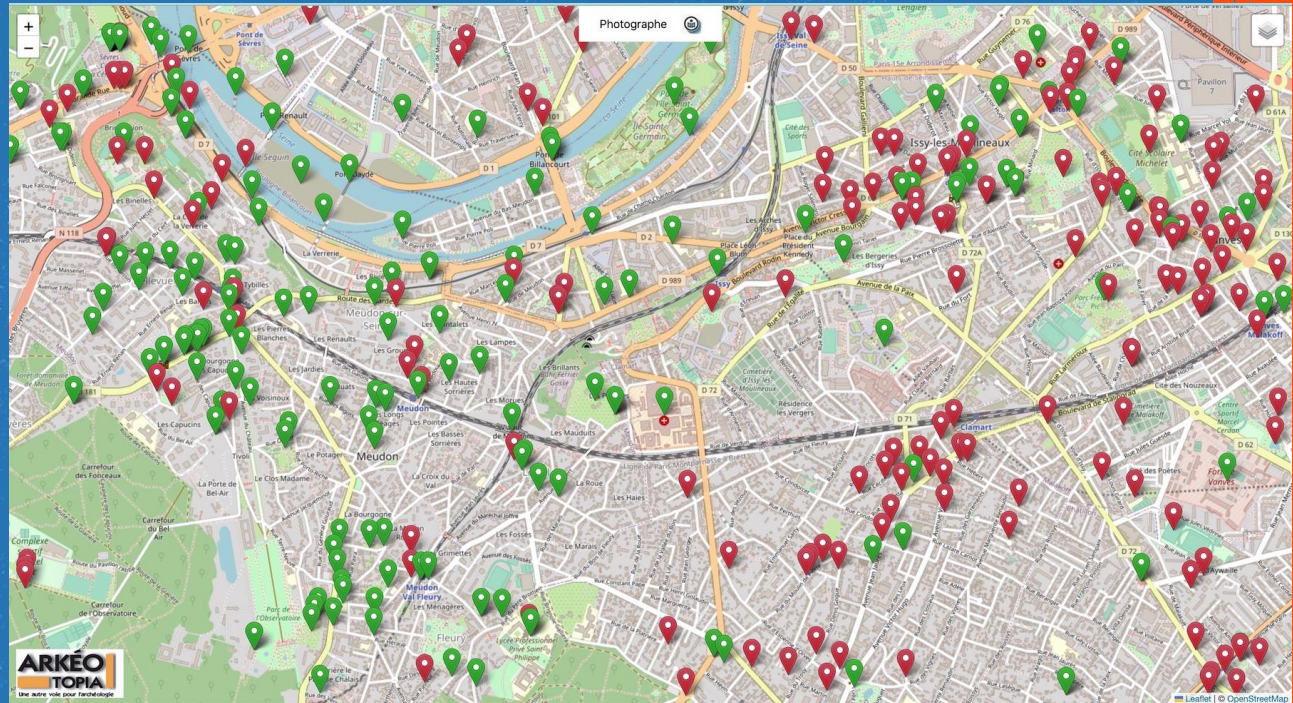




# WikiTory Aims

It will provide an open platform for indexing multimodal content (audiovisual, textual), and the associated metadata to a geographic area.

WikiTory will boost Wiki Loves contests by offering the possibility of making contest thematic and involving new communities within the Wikimedia galaxy, such as cartographers and Wikifiers.




# WikiTory Design



# WikiTory Design

Generate a relationship between Wikidata and OpenStreetMap to allow Commons content to be displayed and facilitate the relationship between OSM and the Wikimedia galaxy.

 Wikidata Query Service Exemples Assistant de requêtes Aide

```
1 #Title:Nombre de monuments historiques classés en France
2 SELECT (COUNT(?item) AS ?items) WHERE {
3     ?item wdt:P1435 wd:Q10387684.
4     ?item wdt:P131* wd:Q142.
5 }
```



## Tags to use in combination


Tag	Value	Description
<code>heritage=*</code>	1-10	according to the <code>admin_level</code>
<code>name=*</code>	<code>name</code>	Name of object
<code>heritage:operator=*</code>	xxx	see table under abbreviation
<code>ref:xxx=*</code>	<code>number</code>	Number in the list of monuments
<code>xxx:criteria=*</code>		Criterion, see table below
<code>heritage:website=*</code>		Website of the monument list
<code>xxx:inscription_date=*</code>		Date when the object was added to the preservation list




# WikiTory Design

## WikiTory contributors home page


1. Three ways to enter
2. Multilingual
3. Documentation
4. Can be used even without contest



# Wikitory



A community project for the promotion and enhancement of cultural heritage throughout the world, sourced from OpenStreetMap, Wikidata and Commons.



Explore our three interactive maps :

[Wiki helper](#) [Photografer](#) [Cartographer](#)

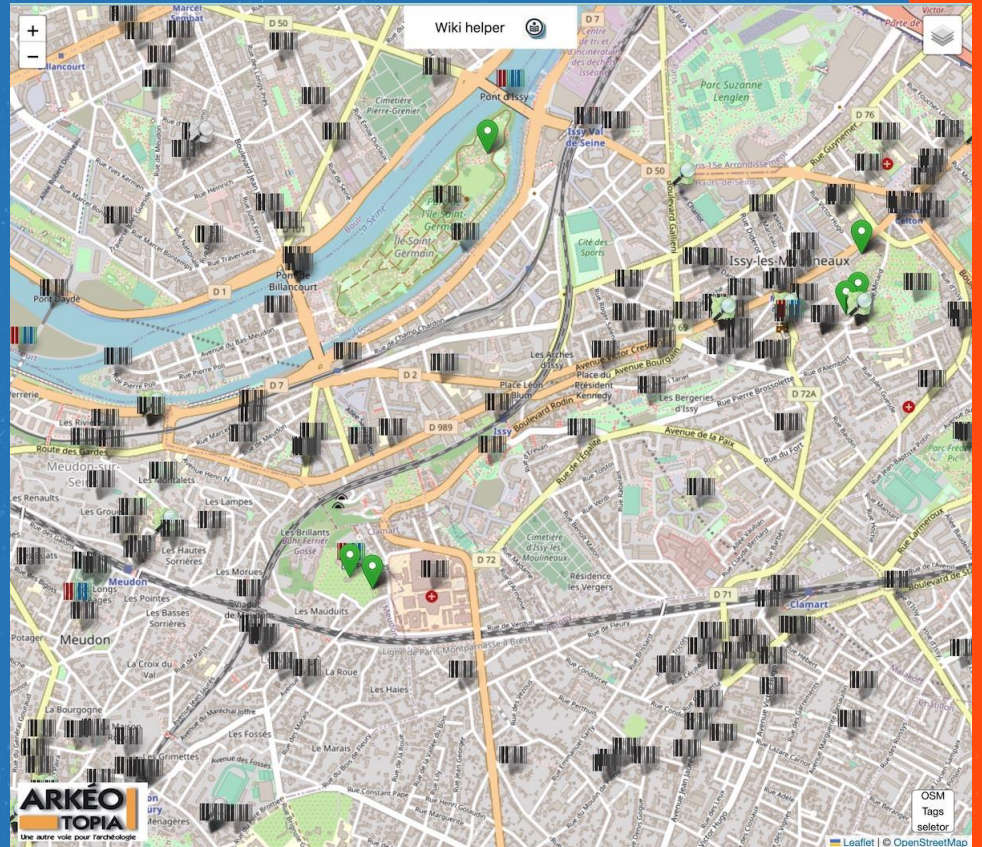
To learn on how to contribute, please have a look at the documentation :

[Documentation](#)

# WikiTory Design

## WikiTory Wikifier view

1. Targets geocalized
2. Informations on Wikidata, OpenStreetMap, Commons alignment
3. Contribution button in progress





# WikiTory Design

WikiTory cartographer view

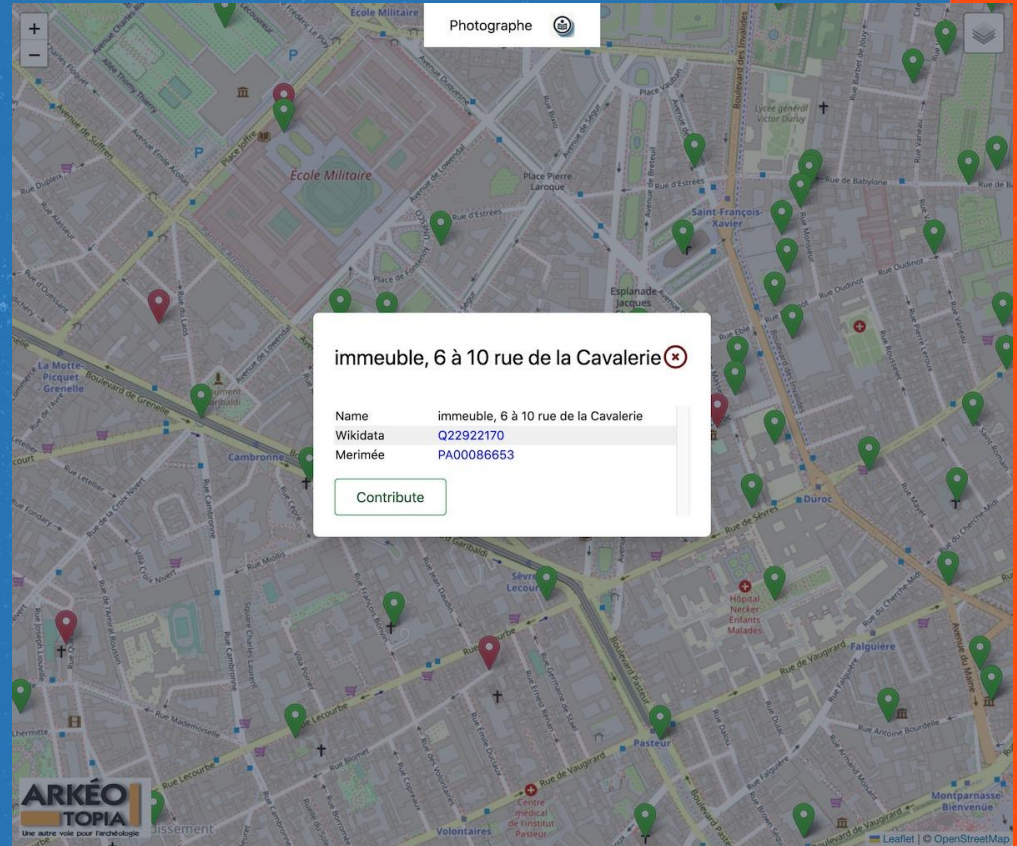
1. Targets geolocalized
2. Informations in progress
3. Contribution button in progress



# WikiTory Design

## WikiTory photographer view

1. Targets geolocalized
2. Red targets = no photo
3. Informations thanks to Wikidata link and others in progress
4. Contribution button to Commons upload sequence



# Next Steps



# Next Steps

## Programming dimension

- Testing photographer & Wikifier views
- Finishing and testing cartographer view
- Designing organizer dashboard

## User Interface/User Experience dimension

- Finishing WikiTory home page
- Designing the relationship between home page, views and documentation

## Legal dimension

- From CC BY-NC-ND for WikiTory v0 to CC BY-SA for v1

## Documentation dimension

- Writing the French documentation

## Translator dimension

- French documentation in English

# Call for Contributions

**GLAM WIKI  
CONFERENCE 2023**



# Call for Contributions

## What do we need?

1. Python and SPARQL programmers
2. UI/UX designers
3. Wikidata contributors
4. OSM contributors
5. Translators from French to Z languages

# Demo

<https://wikitory.arkeotopia.org>



# Bibliography

- AZIZIFARD, N. GELAUFF, L., GRANSARD-DESMOND, J.-O., REDI, M. & SCHIFANELLA, S., “Wiki Loves Monuments: crowdsourcing the collective image of the worldwide built heritage”, *Journal on Computing and Cultural Heritage* 16/1, 12/24/2022, pp. 1-27. [OnLine] <https://doi.org/10.1145/3569092>
- GRANSARD-DESMOND, JEAN-OLIVIER, « Plaidoyer pour inviter les scientifiques à investir la galaxie Wikimedia », *Acfas magazine*, 15/02/2022 [En Ligne] <https://www.acfas.ca/publications/magazine/2022/02/plaidoyer-inviter-scientifiques-investir-galaxie-wikimedia>
- TRINIAC, V., “Wiki Loves Monuments: a contest for Archaeology”, September 3rd, 2021, [OnLine] <https://www.arkeotopia.org/en/activities/91-support/538-wiki-loves-monuments-a-contest-for-archaeology.html>
- GRANSARD-DESMOND, J.-O. & POSLOVITCH, *Wiki Loves Monuments : Étendre les cibles photographiques à tout le patrimoine culturel*, présentation à la Wikiconvention francophone du 21 novembre 2021, 2021, [En Ligne] [https://commons.wikimedia.org/wiki/File:Wiki\\_Loves\\_Monuments,\\_%C3%A9tendre\\_les\\_cibles\\_photos\\_%C3%A0\\_tout\\_le\\_patrimoine\\_culturel.pdf](https://commons.wikimedia.org/wiki/File:Wiki_Loves_Monuments,_%C3%A9tendre_les_cibles_photos_%C3%A0_tout_le_patrimoine_culturel.pdf)

Thank You :)

