

# Catching the Urban Chameleon

**Jona Schlegel**  
**Martin Wieser**  
**Geert Verhoeven**

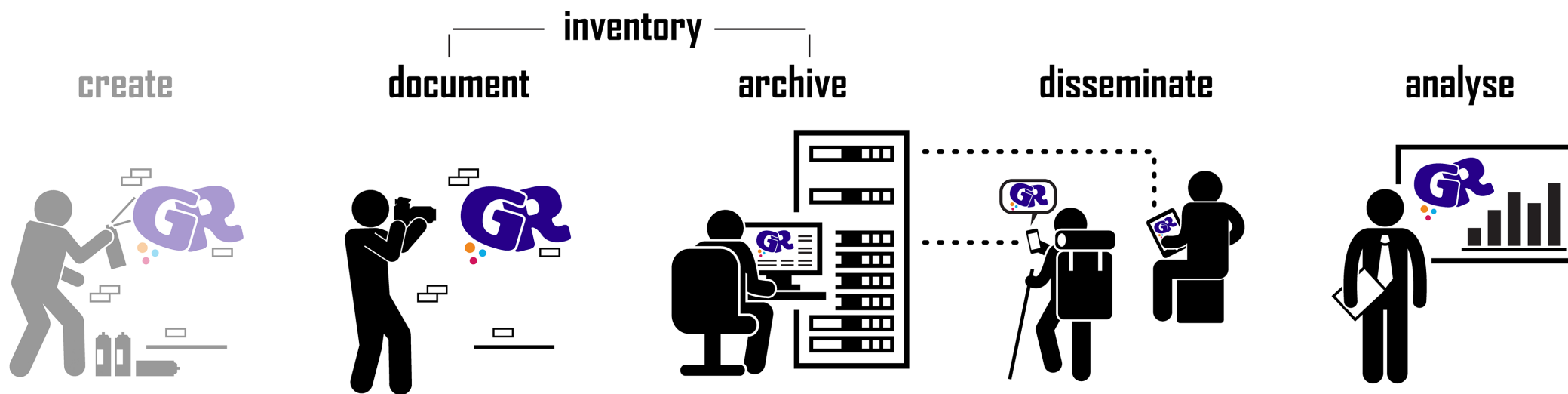
**International Graffiti Symposium**

*14-16 June 2023 Vienna, Austria*

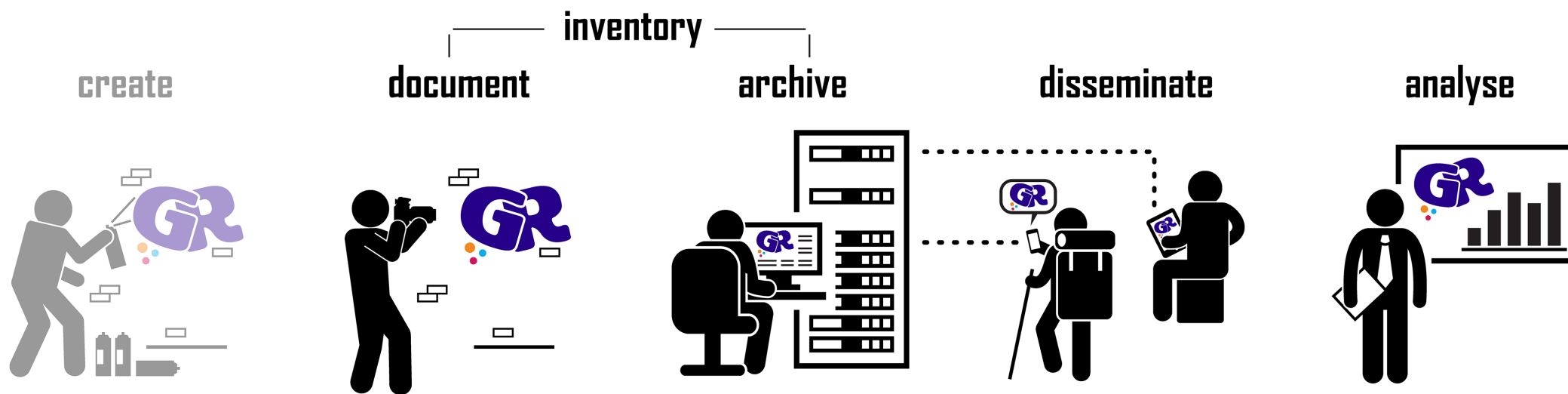
*The INDIGO graffiti project is funded by the Heritage Science Austria  
programme of the Austrian Academy of Sciences (ÖAW)*



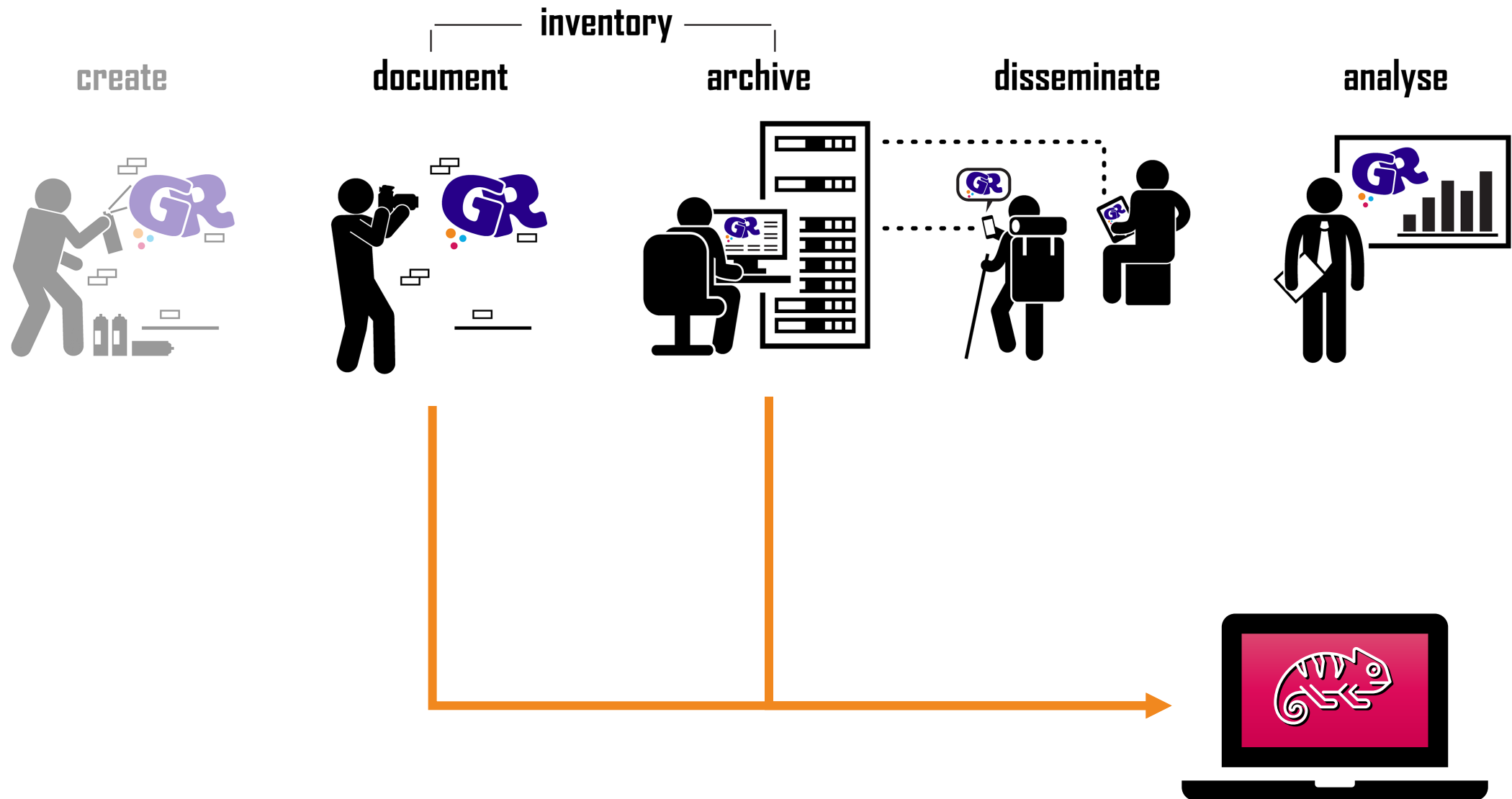
# project INDIGO



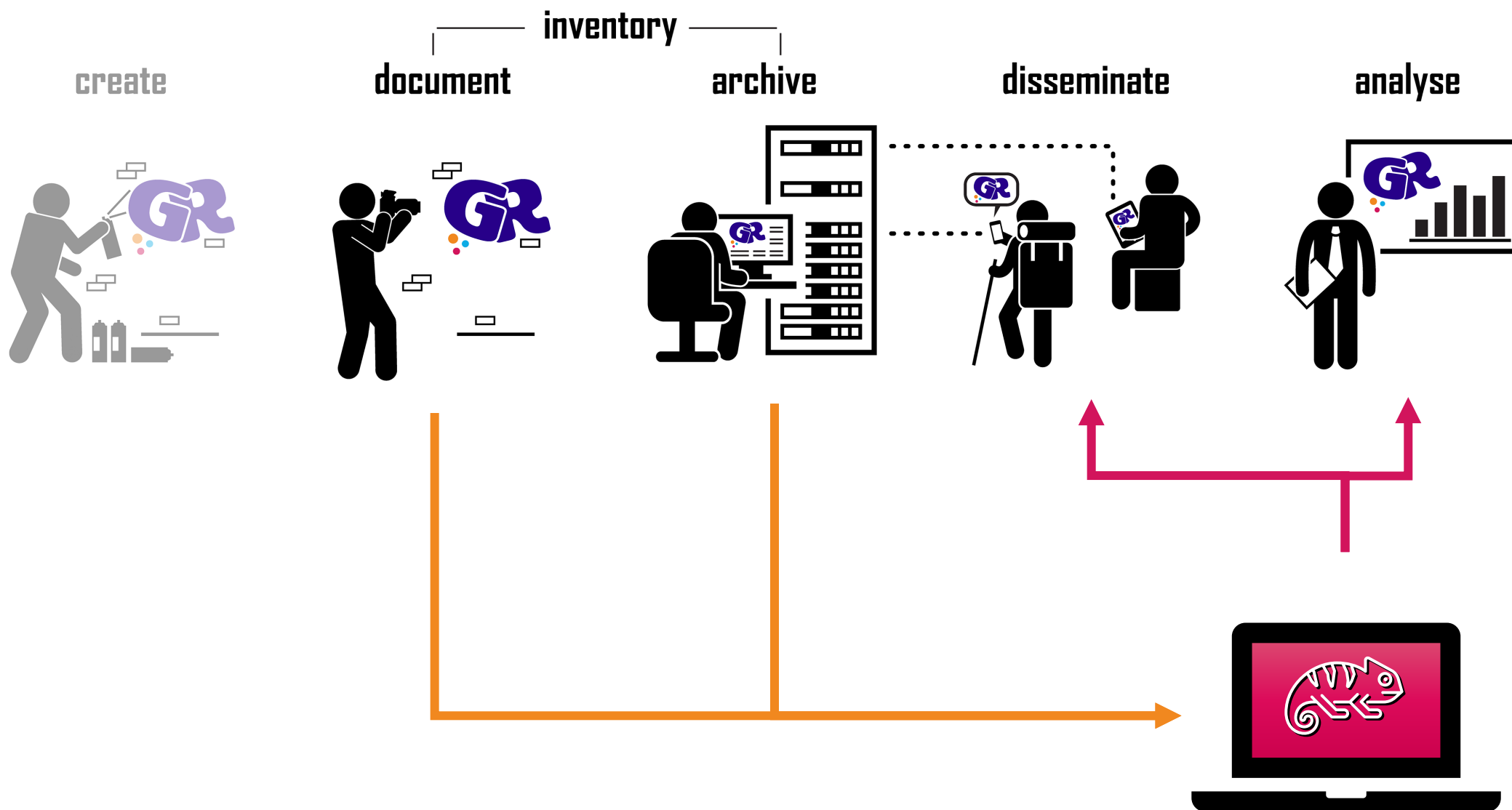
# project INDIGO



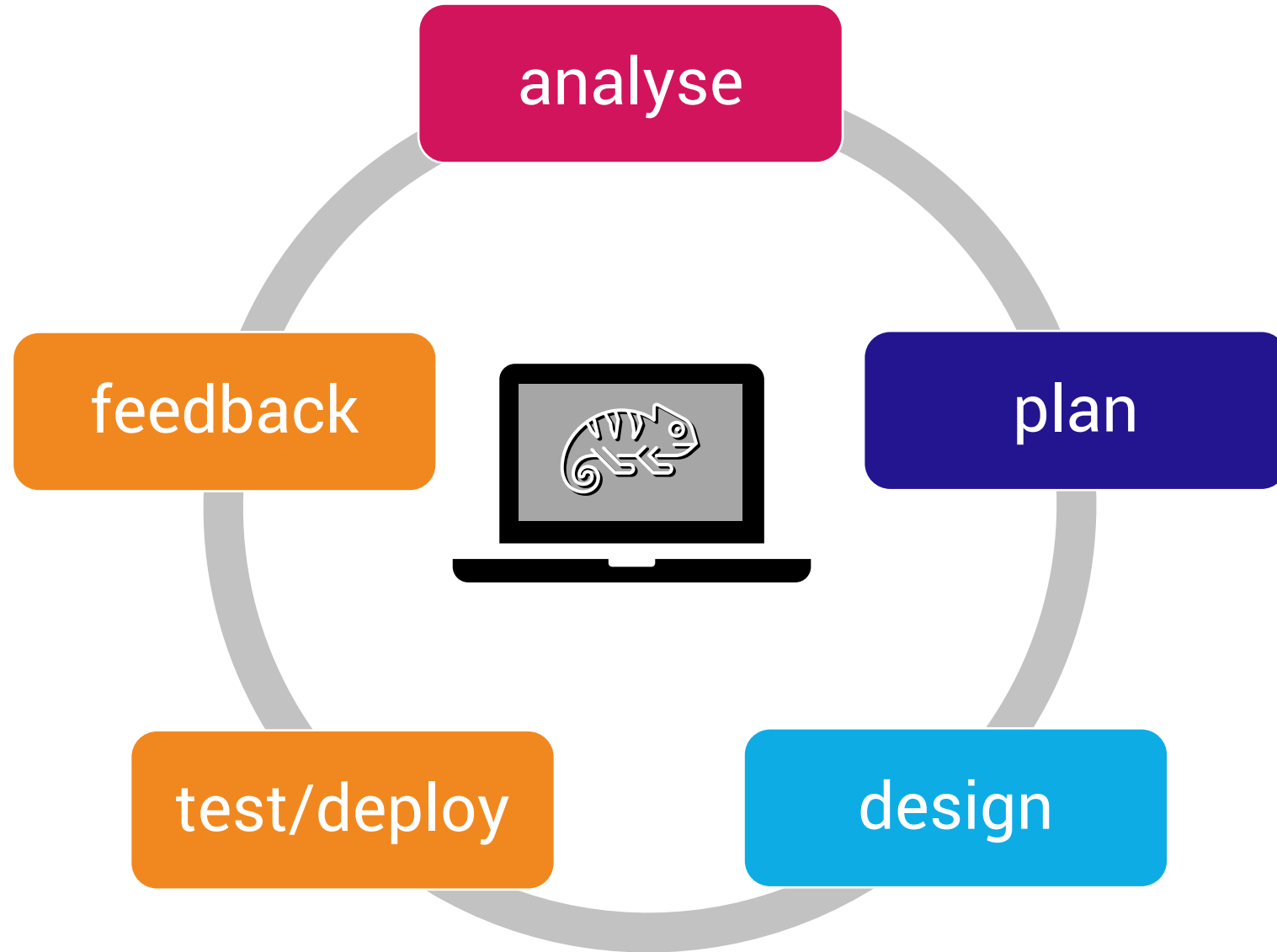
# project INDIGO



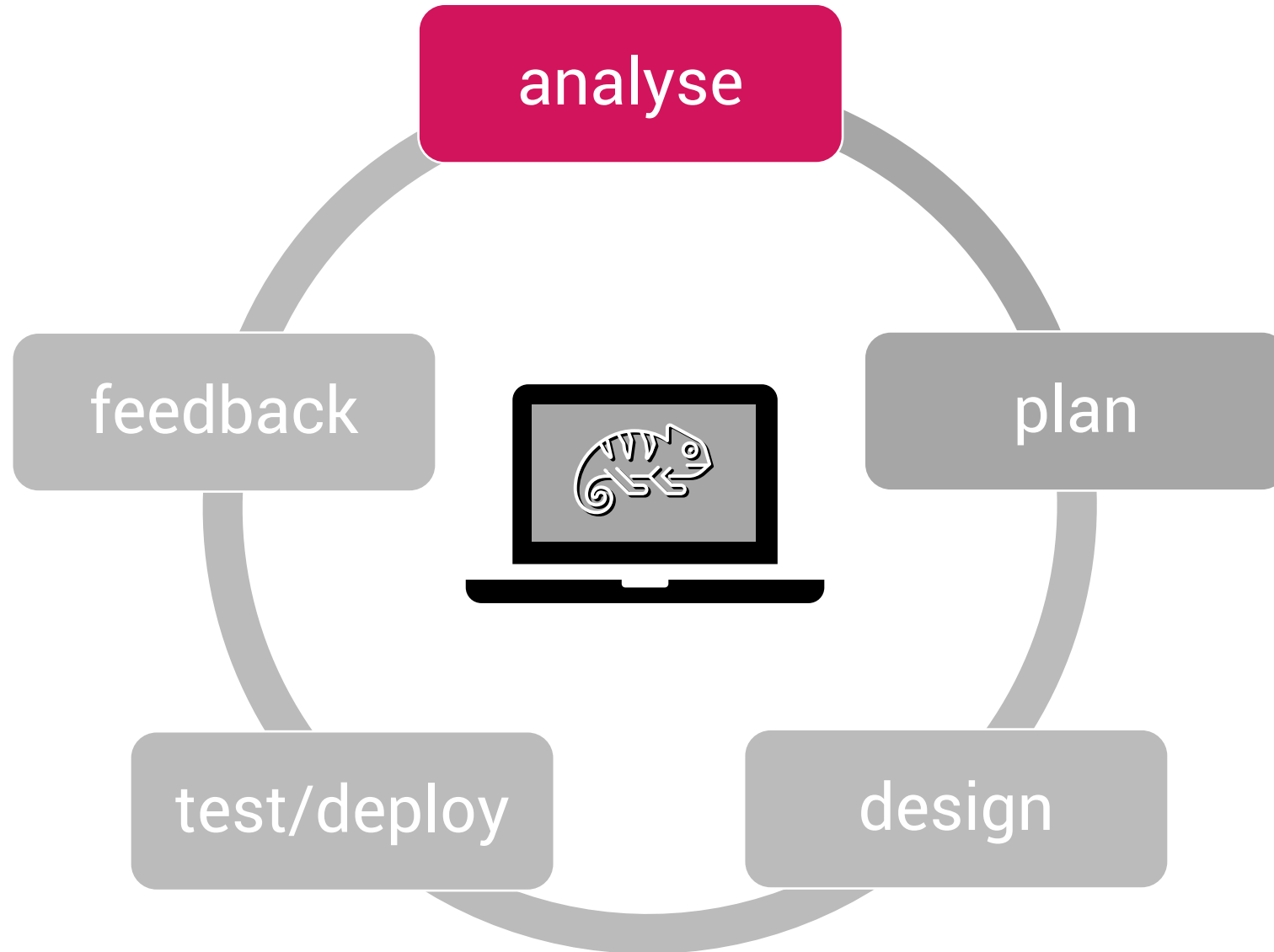
# project INDIGO

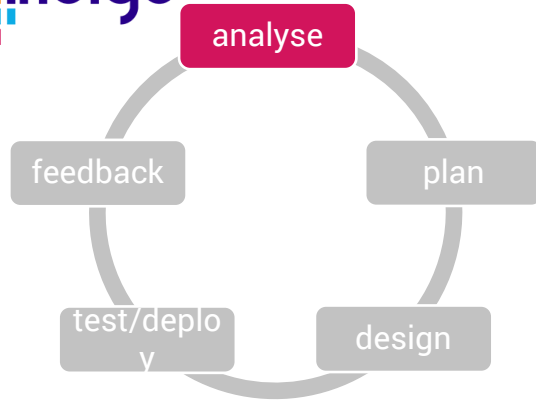


# circular approach

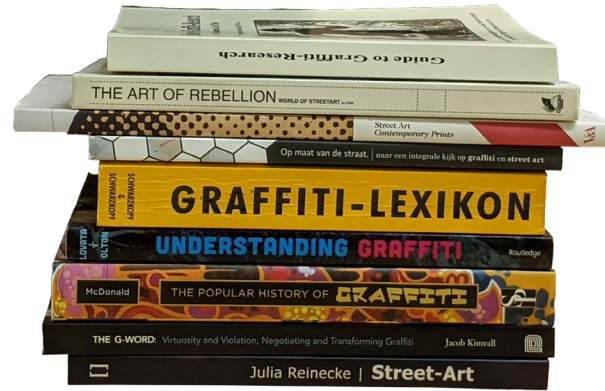


# analysing a research field





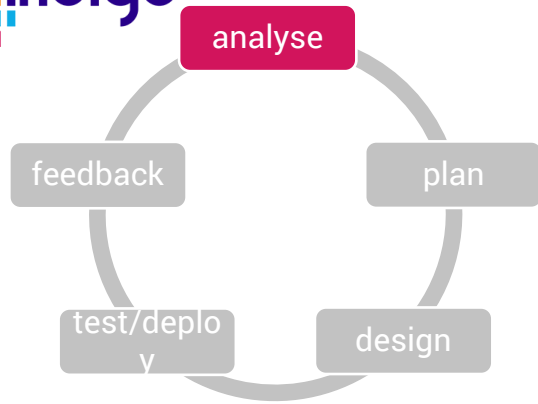
# thesaurus



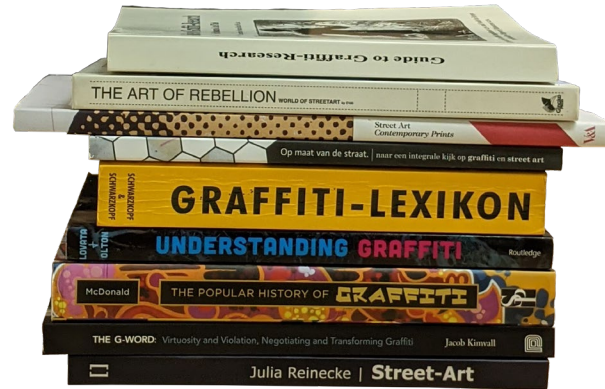
Getty AAT

INDIGO thesaurus





# thesaurus



Getty AAT

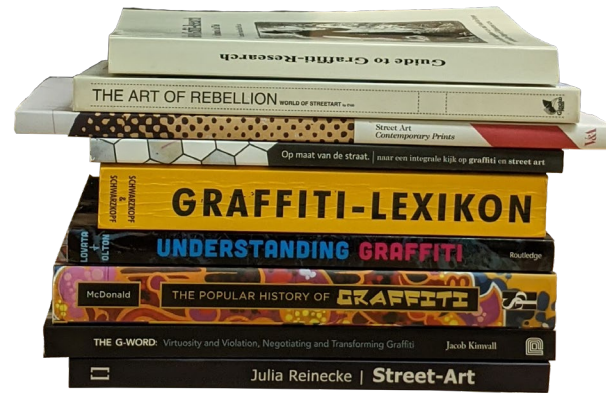
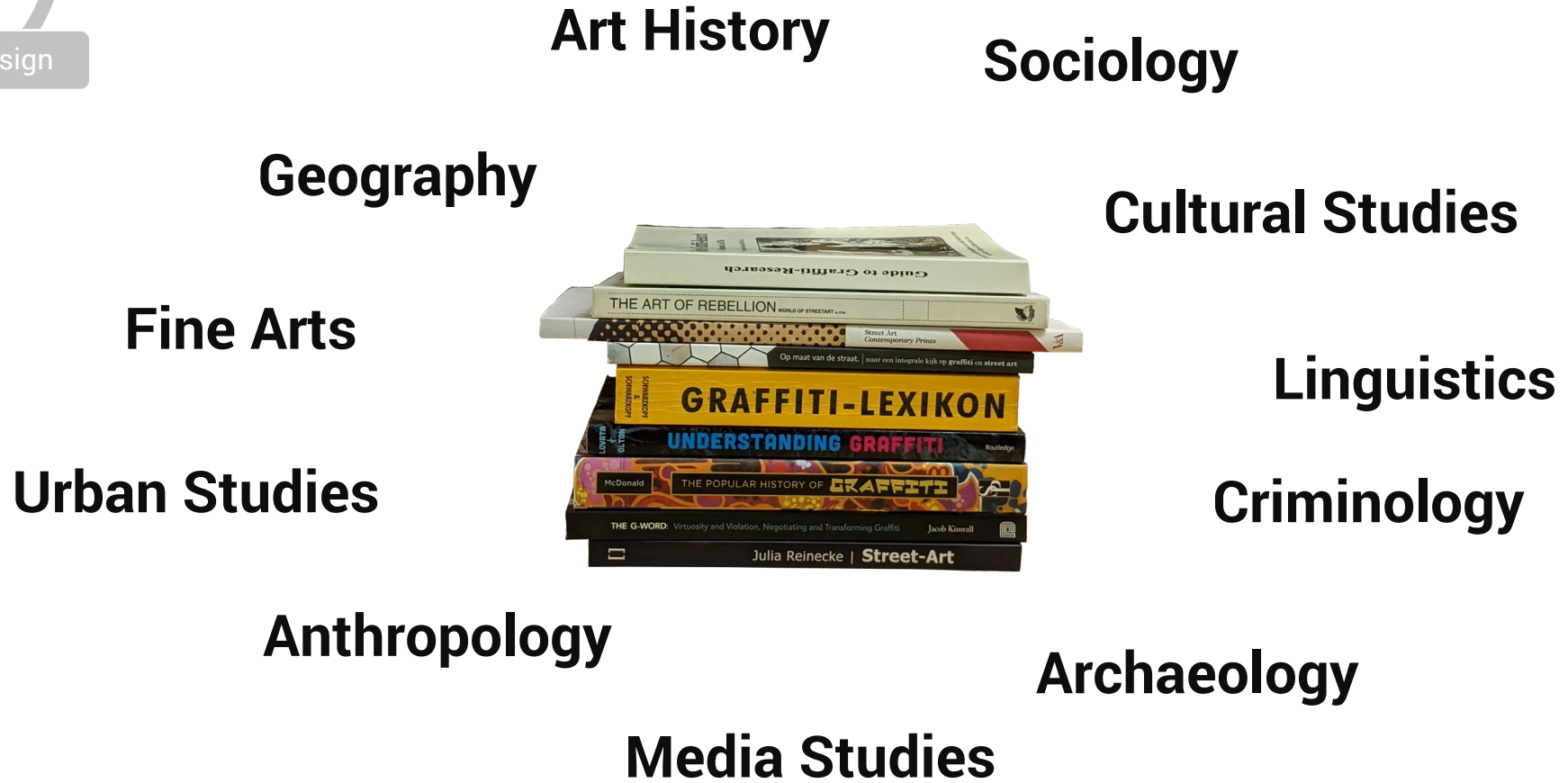
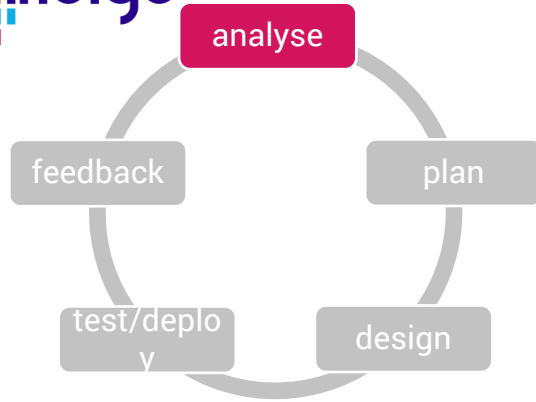
INDIGO thesaurus



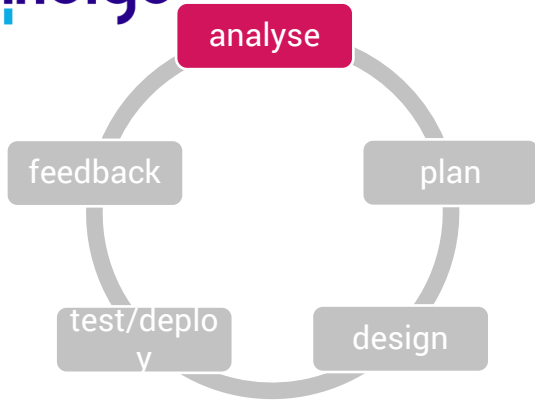
Vocabs



# literature review



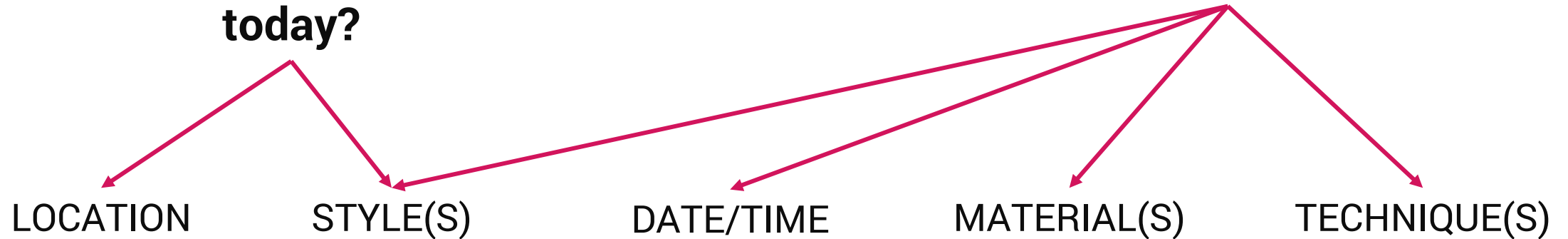
# research questions



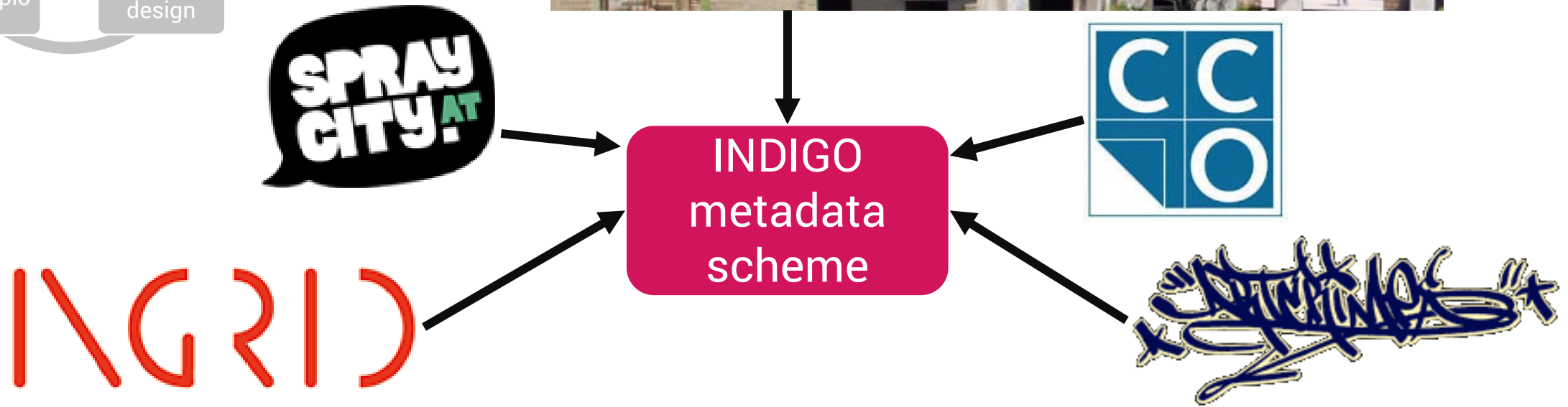
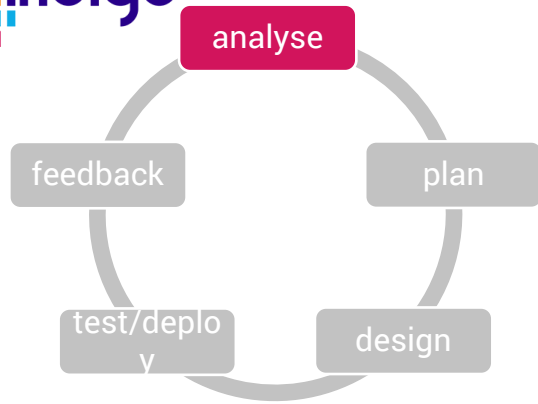
**How does the distribution of different graffiti styles vary across the right bank of the Danube Canal in Vienna today?**



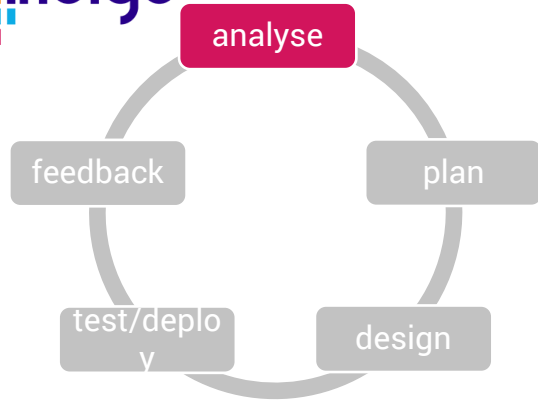
**Are there different trends in the used graffiti styles compared to summer and winter?**



# metadata catalogues



# metadata catalogues



INGRID

INDIGO

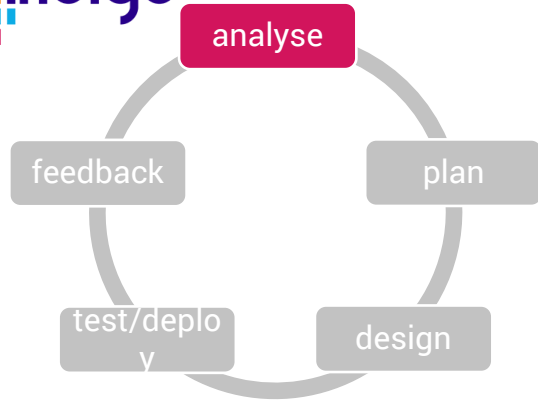
INDIGO  
metadata  
scheme

INDIGO		ARTimes		CCO	
Category Level	Category Name	Category Level	Category Name	Category Level	Category Name
1	Descriptive key words			Display	hasTag
2					hasCoverage
3					
4		World	USA		
5		Europe	Country	Related Geographic Place	Related Geographic Place is defined as "The geographic place(s) associated with a cultural object or work, such as the place of creation, use, or subject matter."
6					hasCountry
7					hasRegion
8					hasState



Research disciplines

# metadata catalogues



**INDIGO  
metadata  
scheme**

**INGRID**

**INDIGO**



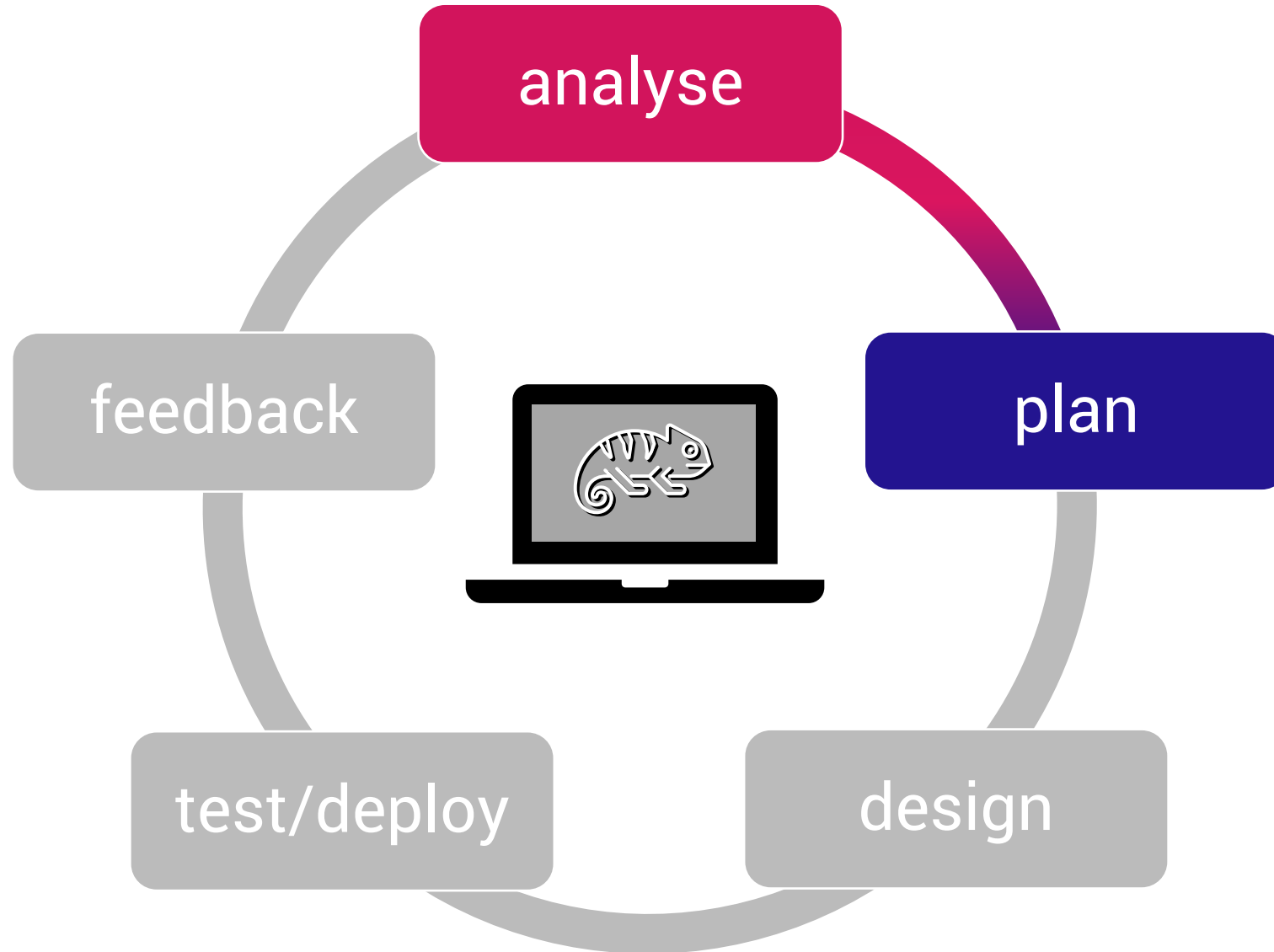
**Research disciplines**

INDIGO		ARTimes		CCO	
Category Level	Category Name	Category Level	Category Name	Category Level	Category Name
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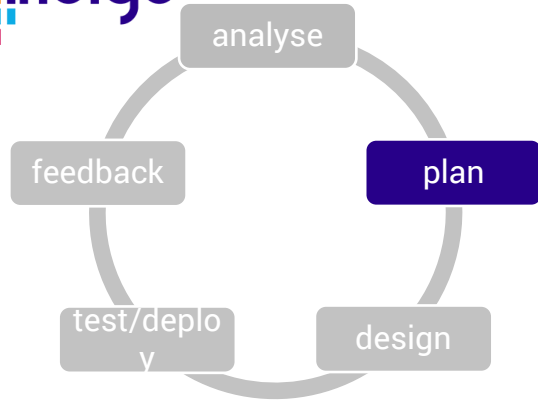
**OpenAtlas**



# planning the platform



# data input

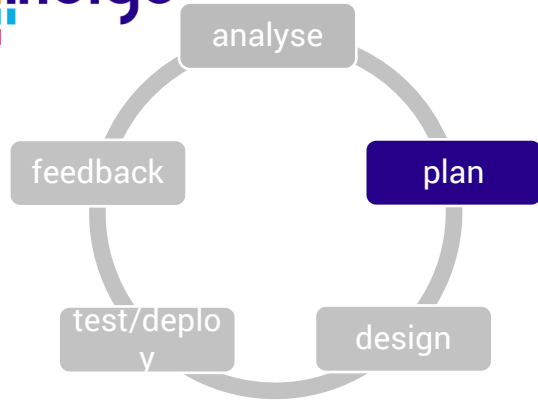


OpenAtlas

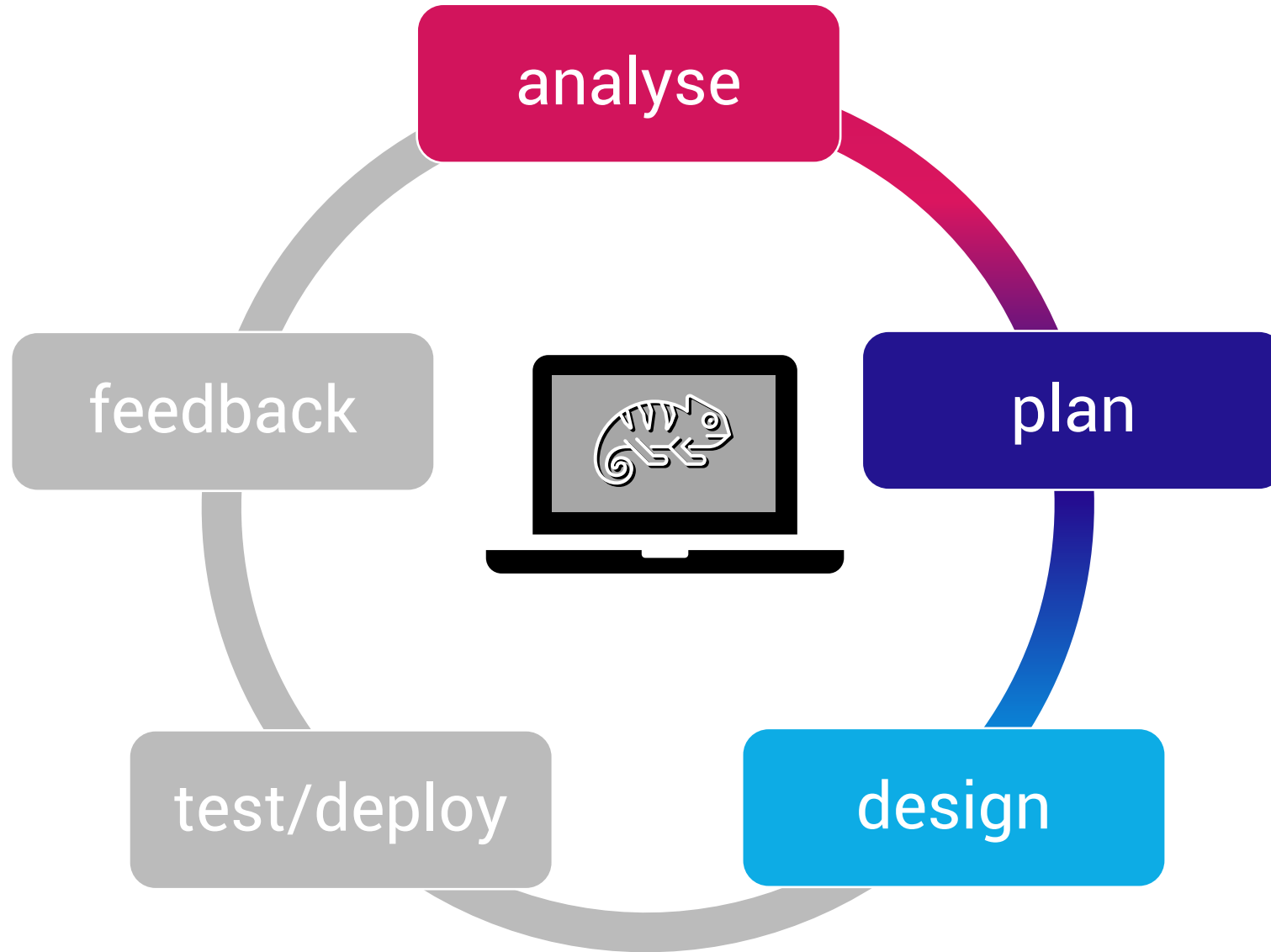




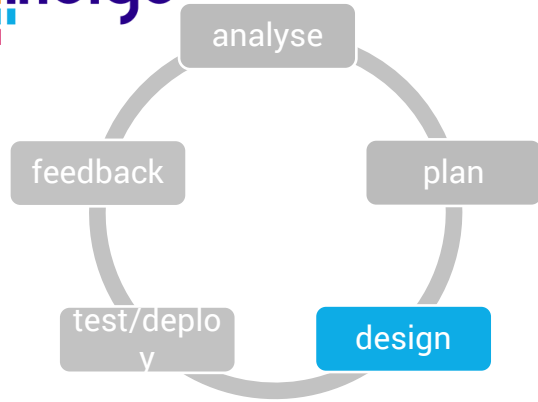
# wireframe



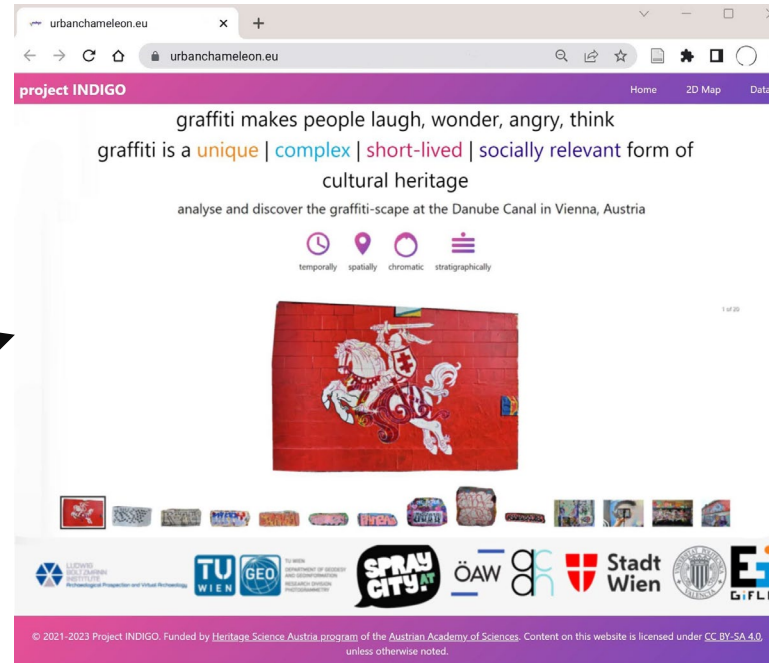
# designing the online platform



# web development



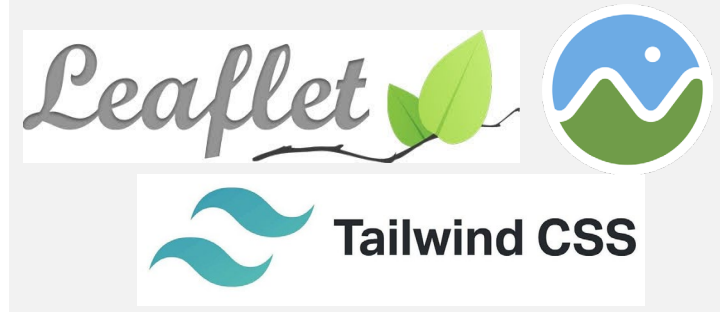
urbanchameleon.eu

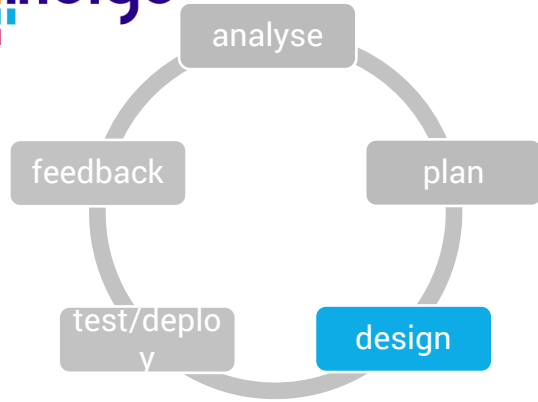


Languages



Dependencies





Tailwind CSS













# table view

urbanchameleon.eu

project INDIGO

Home 2D Map Data

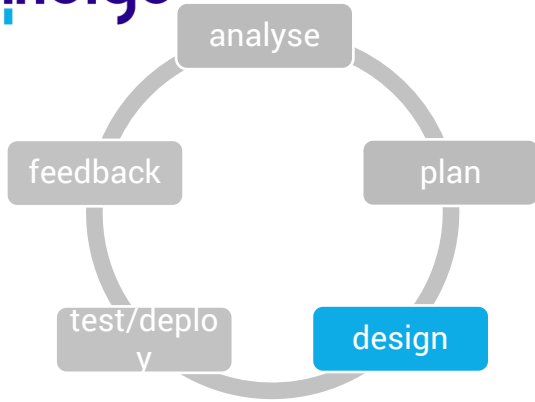
Number of artifacts: 20

ID	Title	Description	Type	Depiction	Longitude	Latitude	Details
161	004_lowRes		street art (graffito)		16.375647658	48.214175216	
224	014_lowRes		visual work		16.370635913	48.218033634	
226	024_lowRes		writing (graffito)		16.375849307	48.213689717	
228	034_lowRes		throw up		16.368750515	48.222268585	
236	084_lowRes		throw up				
167	094_lowRes		street art (graffito)		16.380712881	48.212475718	

< 1 2 >

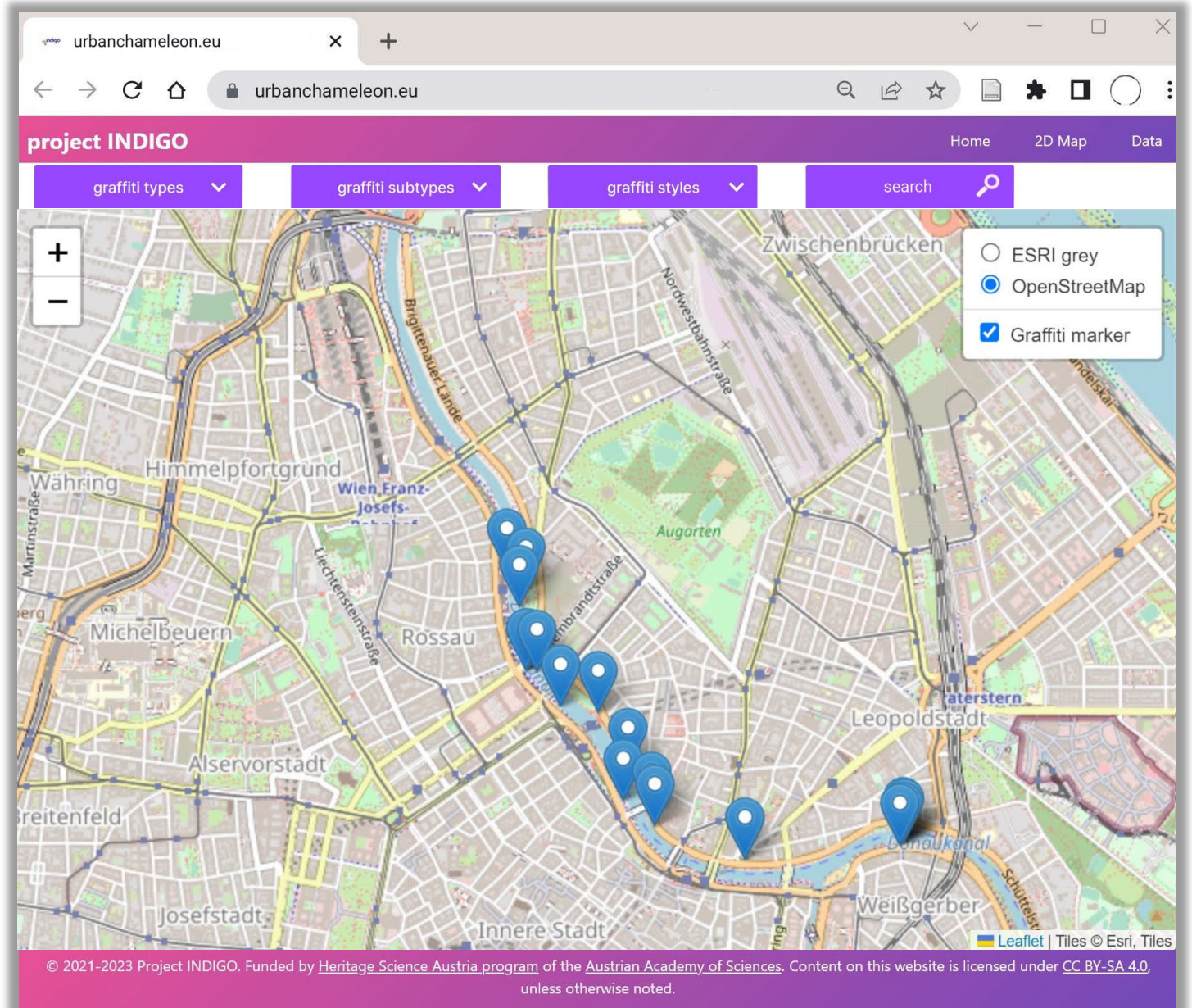
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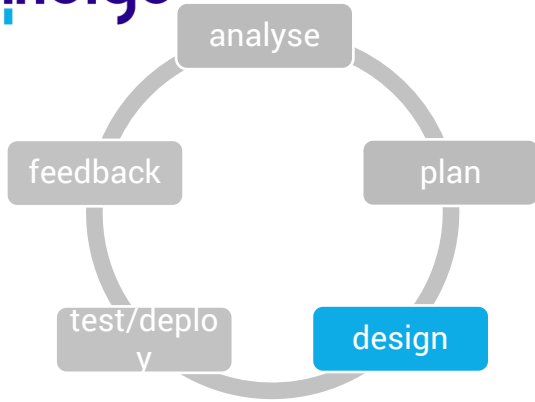


Leaflet 

# map view

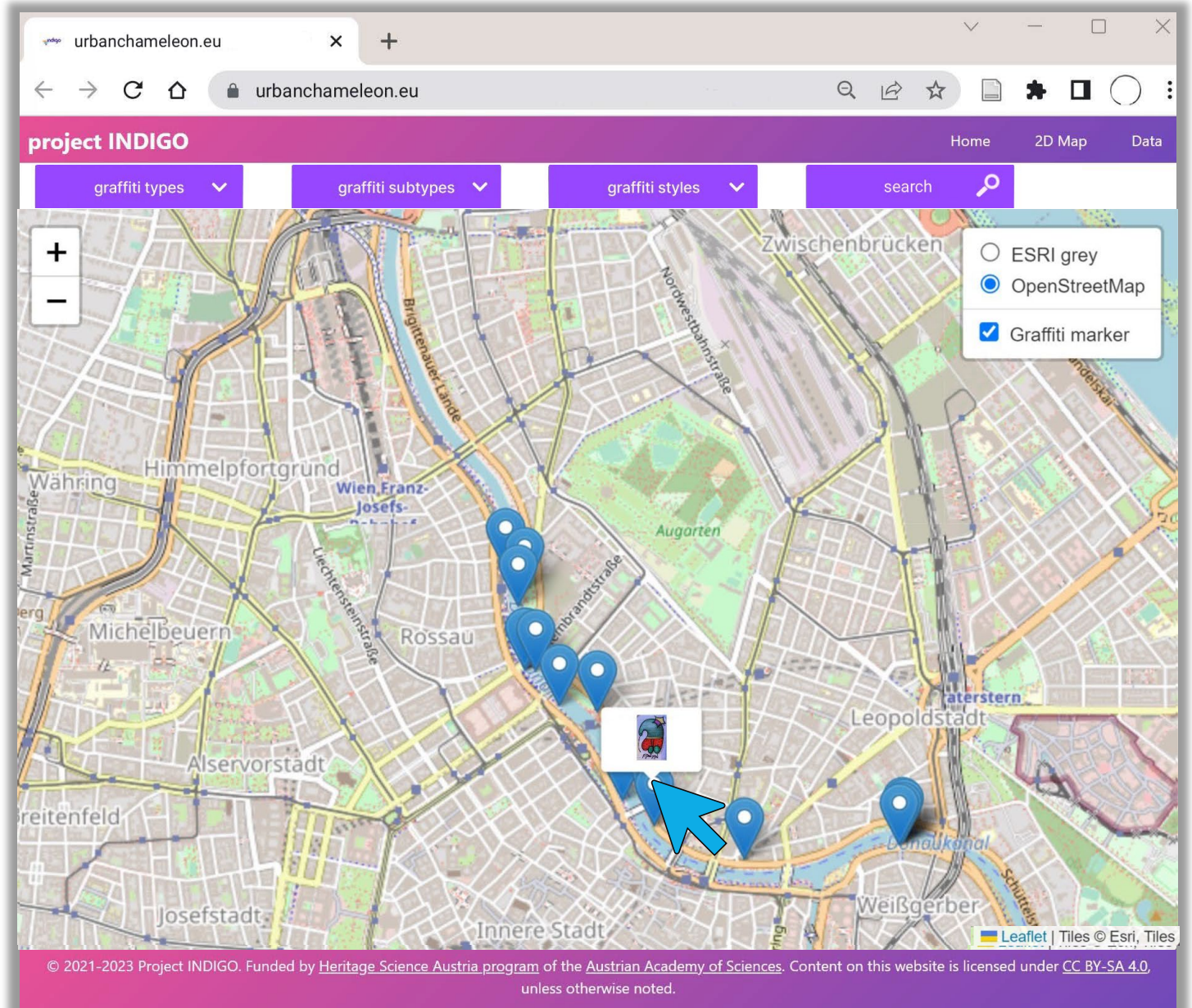




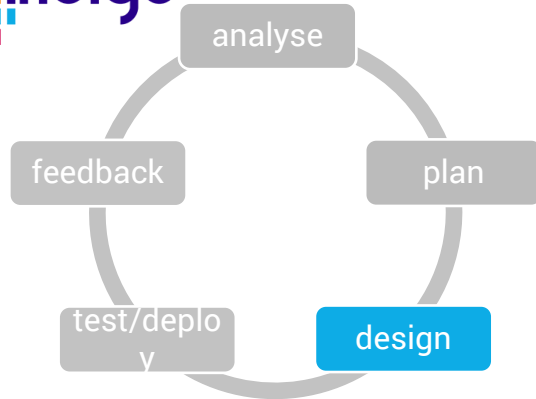


Leaflet 

# map view

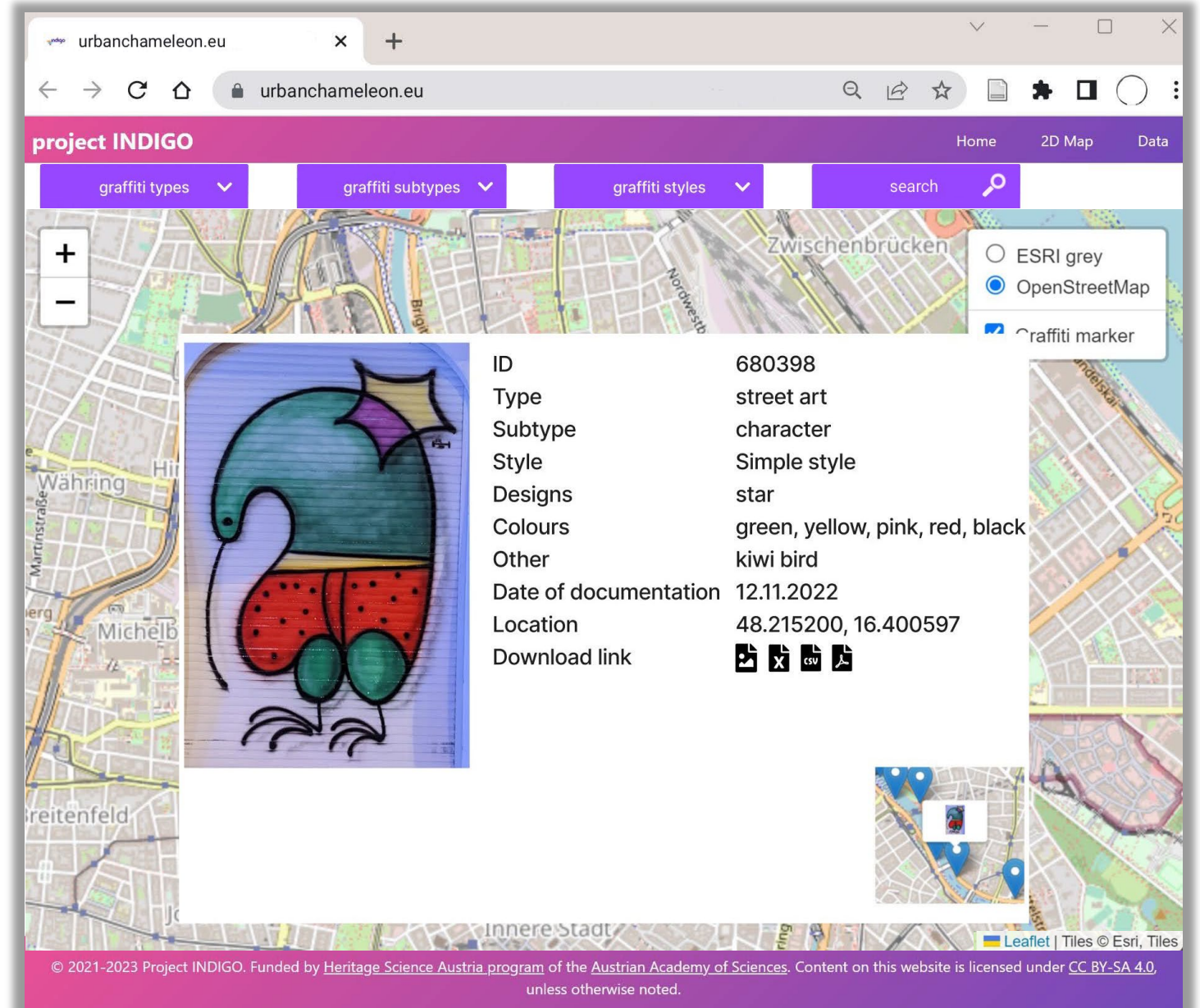


The screenshot shows the web application 'urbanchameleon.eu' in a browser. The interface includes a navigation bar with 'project INDIGO' and links to 'Home', '2D Map', and 'Data'. Below this are filters for 'graffiti types', 'graffiti subtypes', and 'graffiti styles', along with a search bar. The main area displays a map of Vienna with several blue location pins indicating graffiti sites. A legend in the top right corner shows options for 'ESRI grey', 'OpenStreetMap', and 'Graffiti marker' (which is checked). A blue mouse cursor is pointing at one of the pins. The bottom of the page contains a copyright notice: '© 2021-2023 Project INDIGO. Funded by Heritage Science Austria program of the Austrian Academy of Sciences. Content on this website is licensed under CC BY-SA 4.0, unless otherwise noted.'



Tailwind CSS

# details



urbanchameleon.eu

project INDIGO

graffiti types ▾ graffiti subtypes ▾ graffiti styles ▾ search 🔍

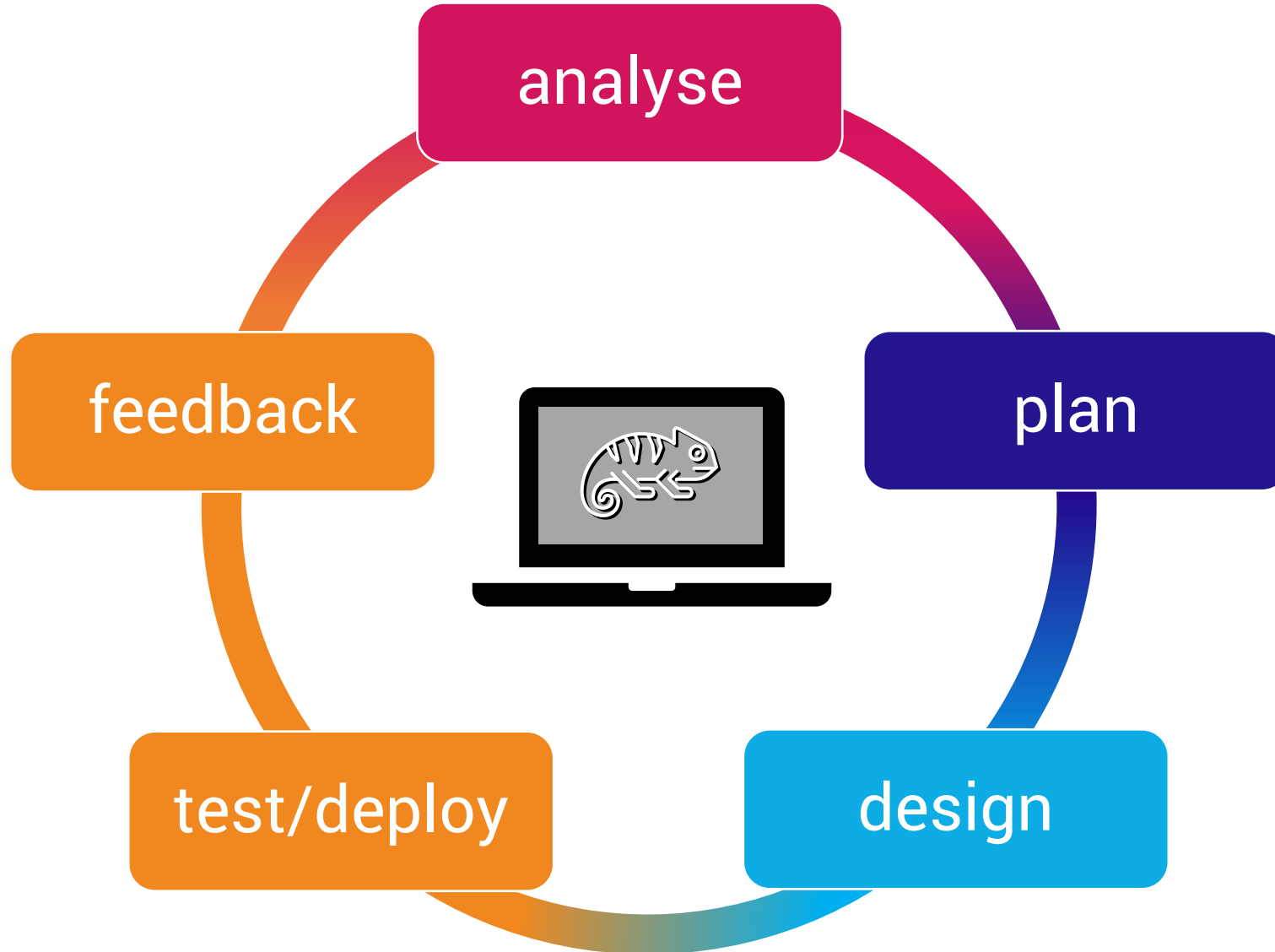
Home 2D Map Data

ESRI grey  
OpenStreetMap  
Grffiti marker

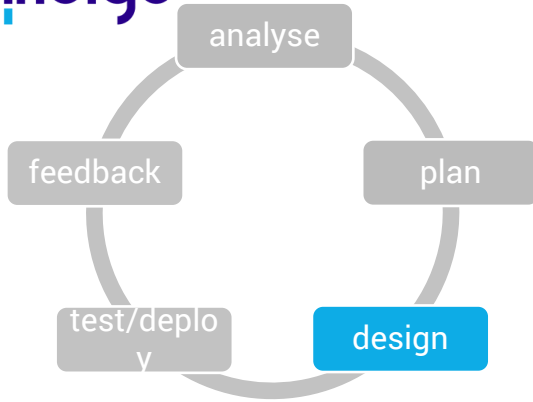
ID	680398
Type	street art
Subtype	character
Style	Simple style
Designs	star
Colours	green, yellow, pink, red, black
Other	kiwi bird
Date of documentation	12.11.2022
Location	48.215200, 16.400597
Download link	🖼️ 📄 📄 📄

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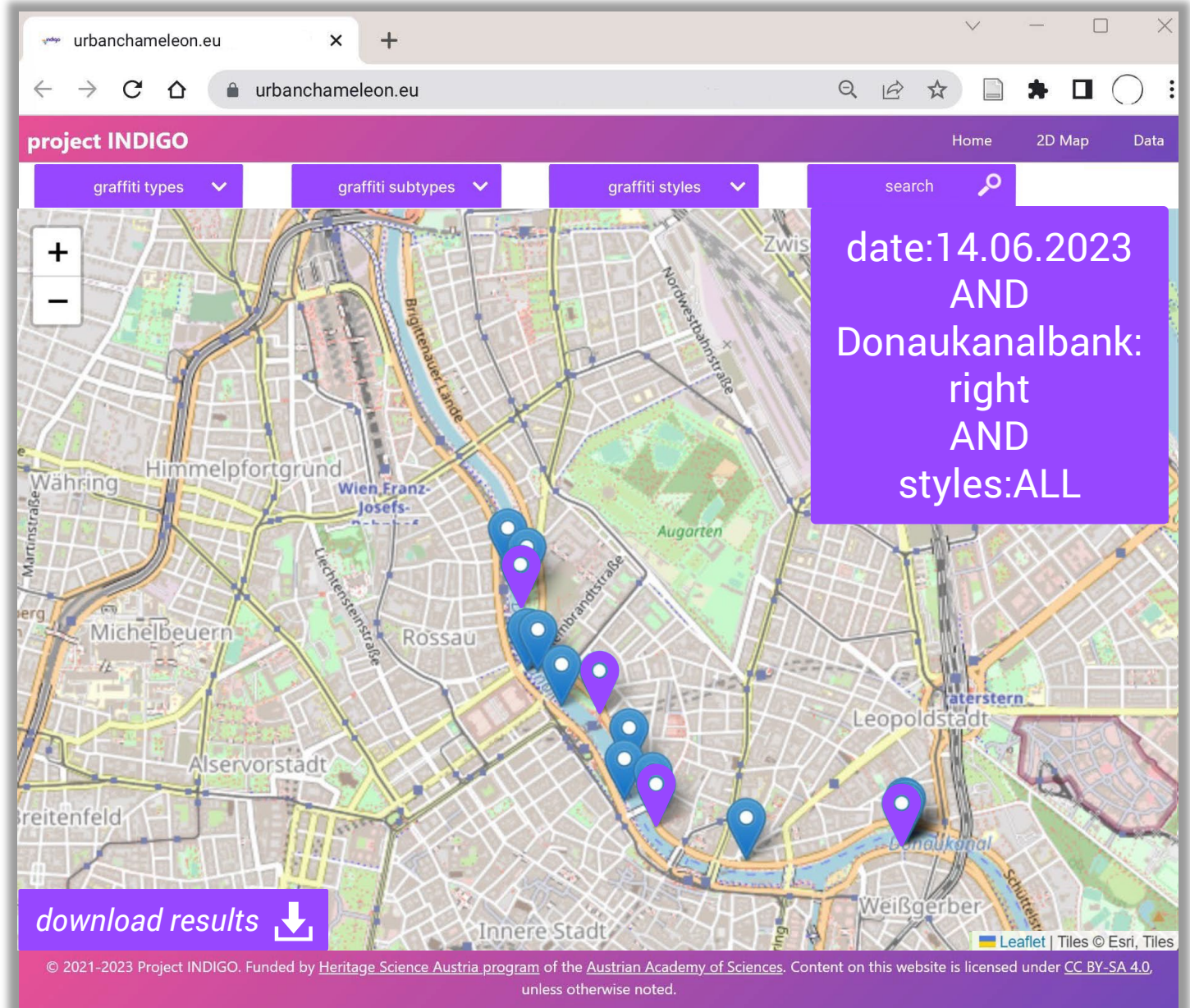
# outlook



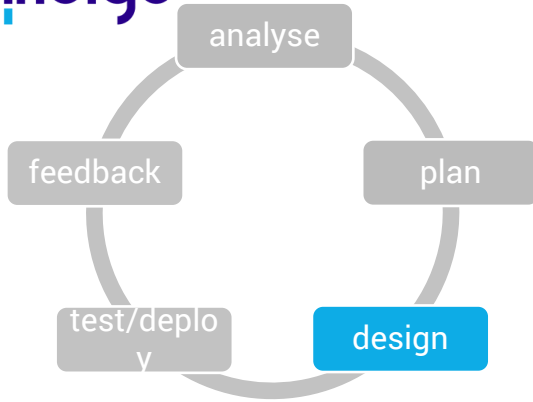




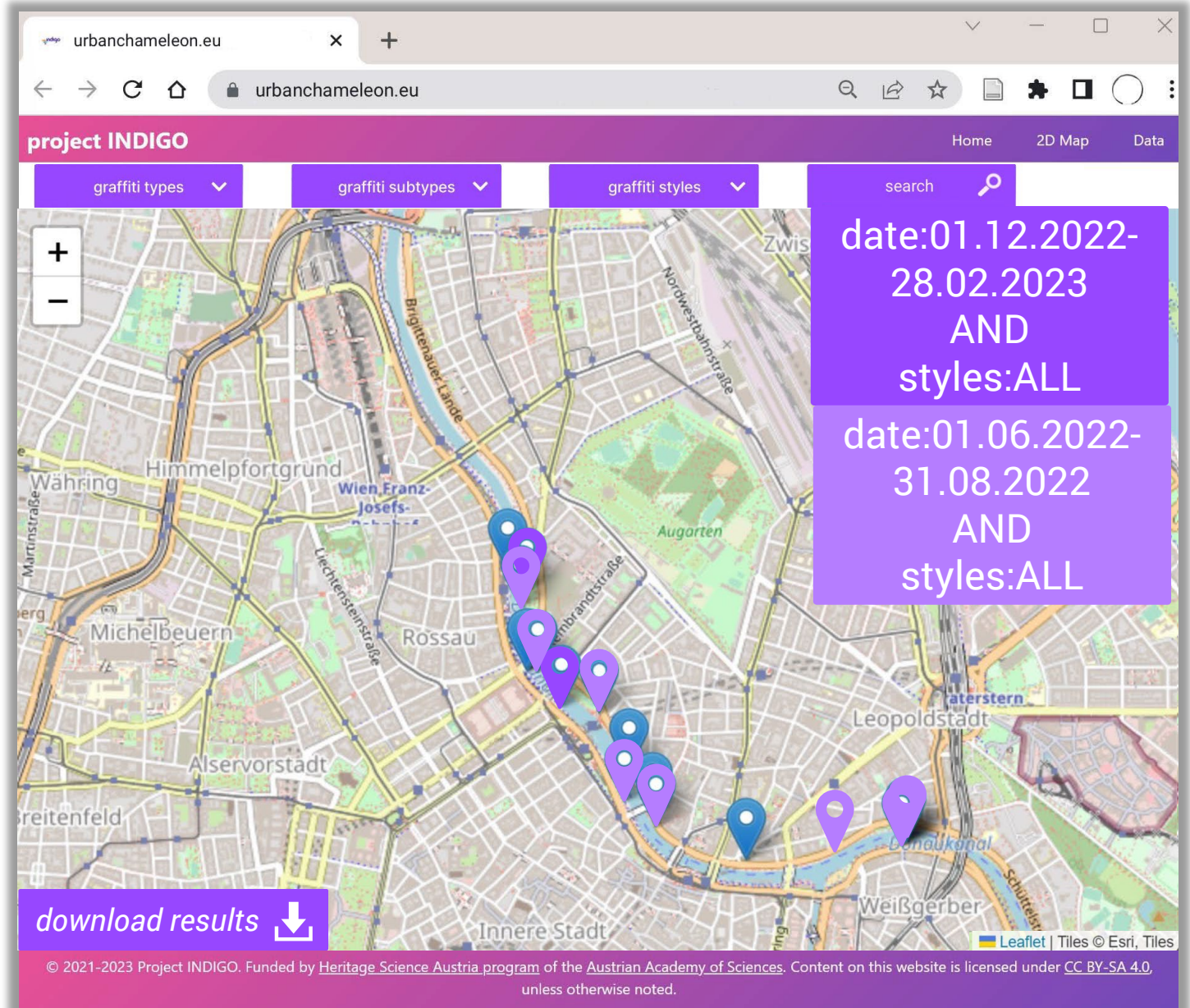
How does the distribution of different graffiti styles vary across the right bank of the Danube Canal in Vienna today?







Are there different trends in the used graffiti styles compared to summer and winter?

project INDIGO

Home 2D Map Data

graffiti types ▾ graffiti subtypes ▾ graffiti styles ▾

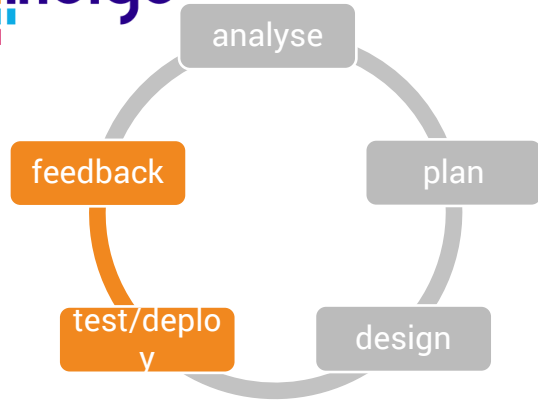
search 🔍

date:01.12.2022-28.02.2023  
AND  
styles:ALL

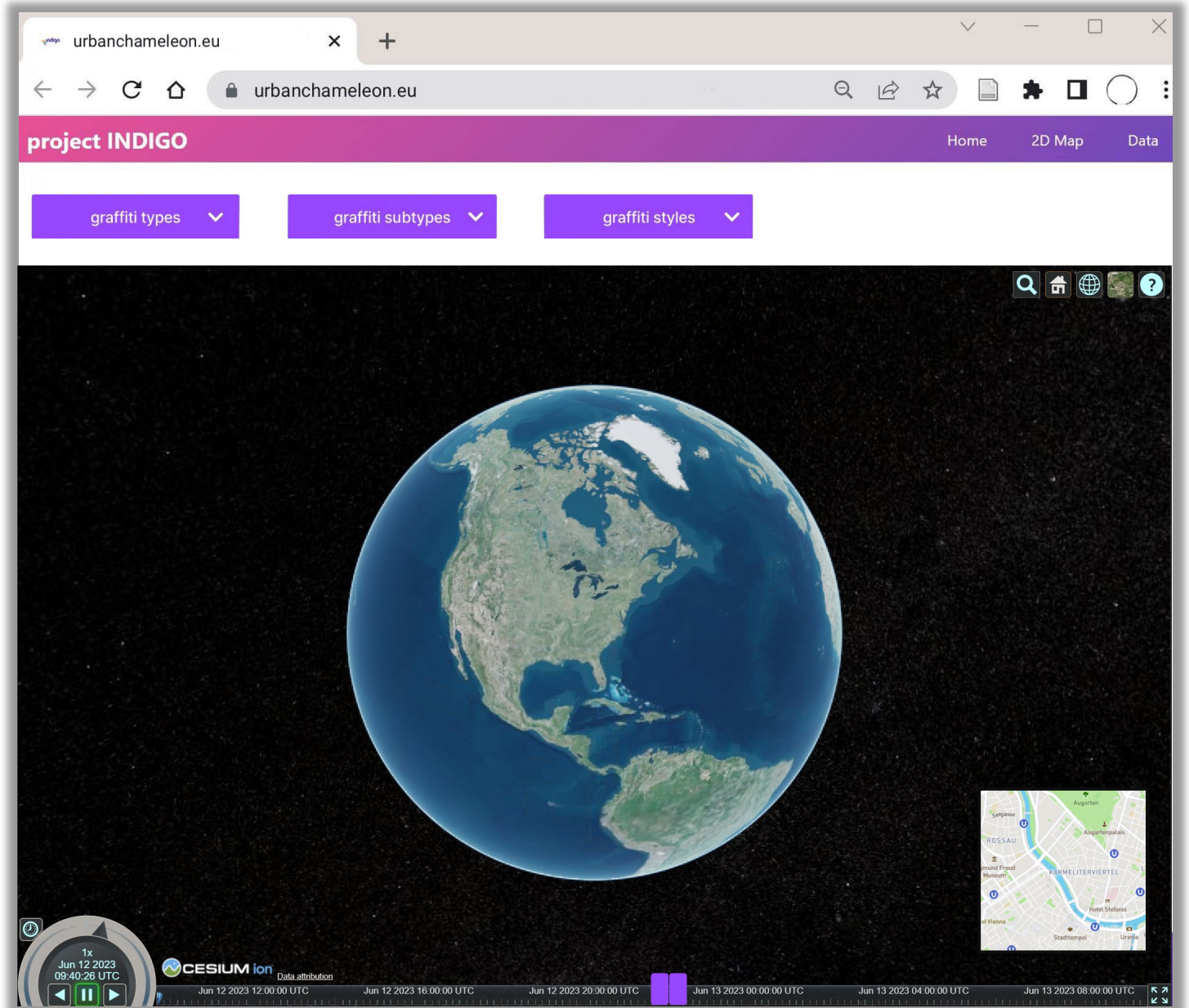
date:01.06.2022-31.08.2022  
AND  
styles:ALL

download results ⬇

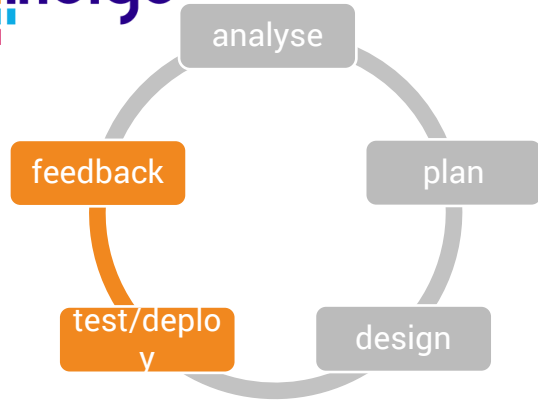
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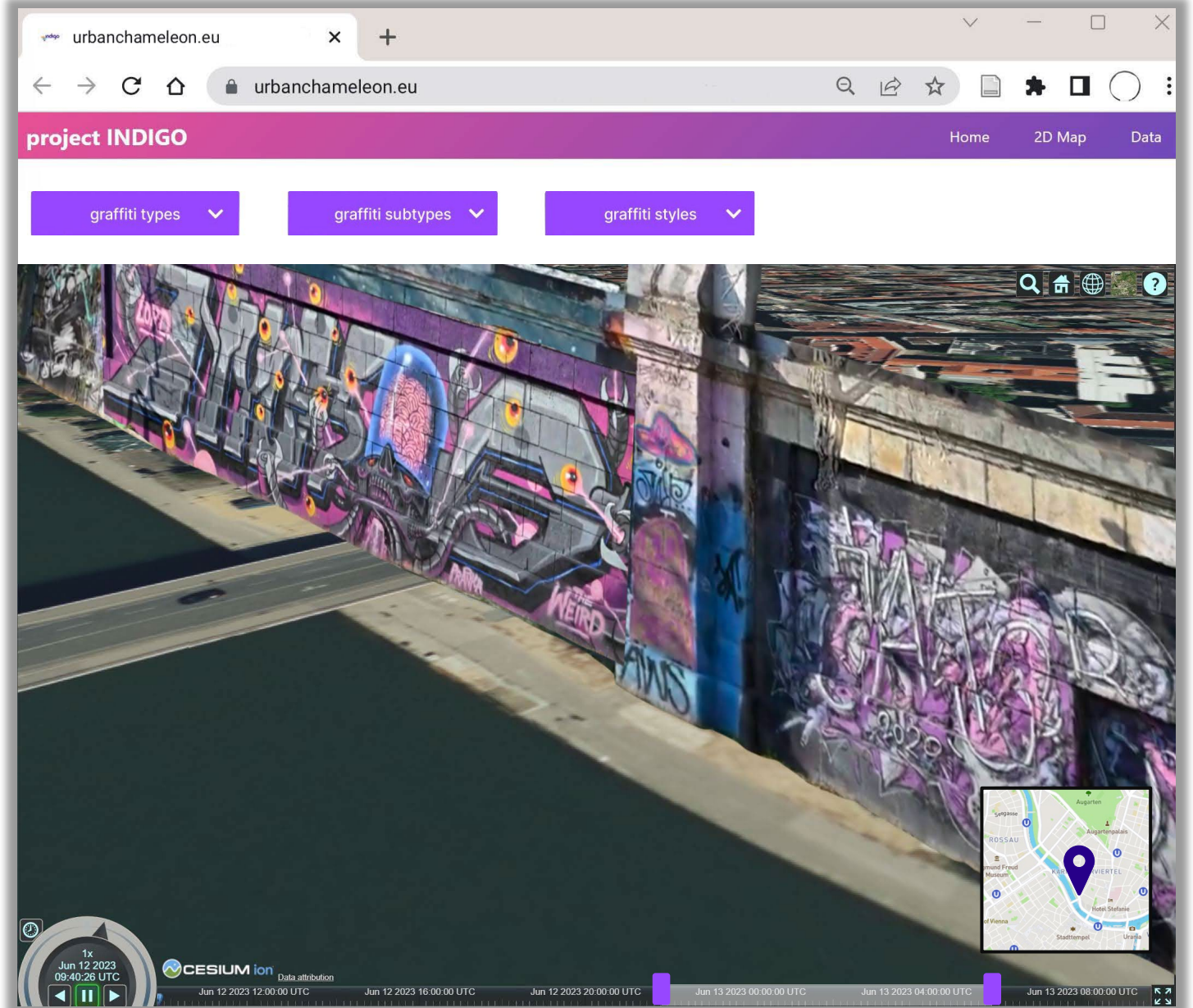
# 4D viewer

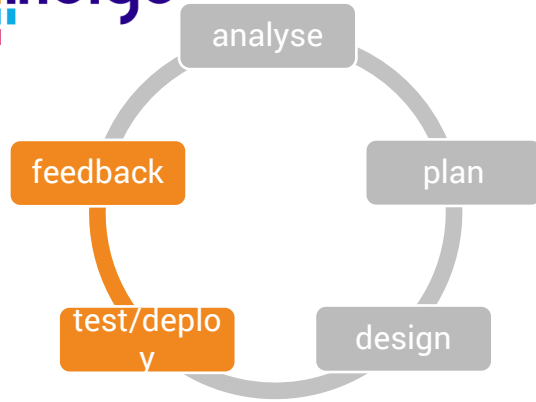




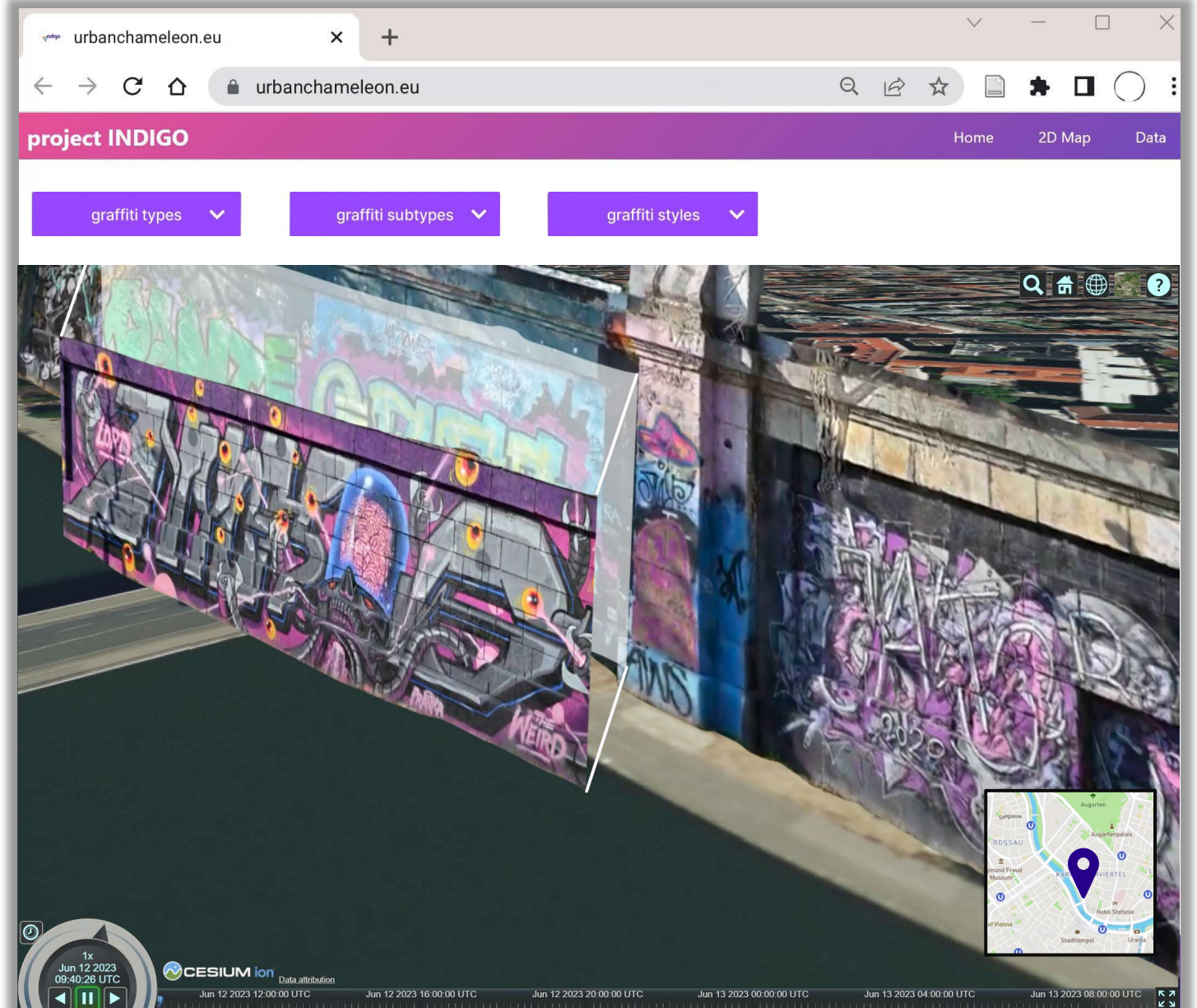


# 4D viewer

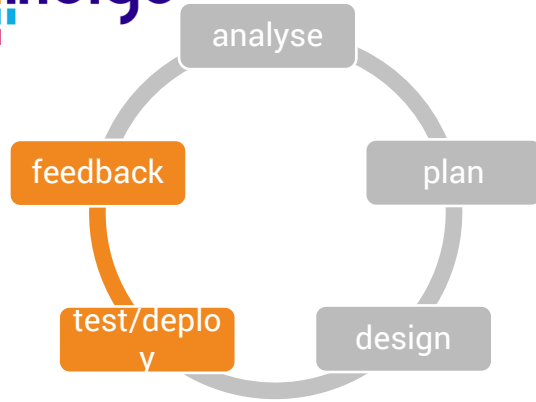




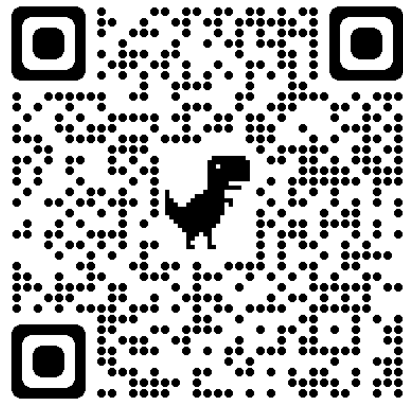
# 4D viewer







[www.urbanchameleon.eu](http://www.urbanchameleon.eu)





# Indigo



LUDWIG  
BOLTZMANN  
INSTITUTE

Archaeological Prospection and Virtual Archaeology



Stadt  
Wien



The INDIGO graffiti project is funded by the Heritage Science Austria  
programme of the Austrian Academy of Sciences (ÖAW)