

Catching the Urban Chameleon

Jona Schlegel
Martin Wieser
Geert Verhoeven

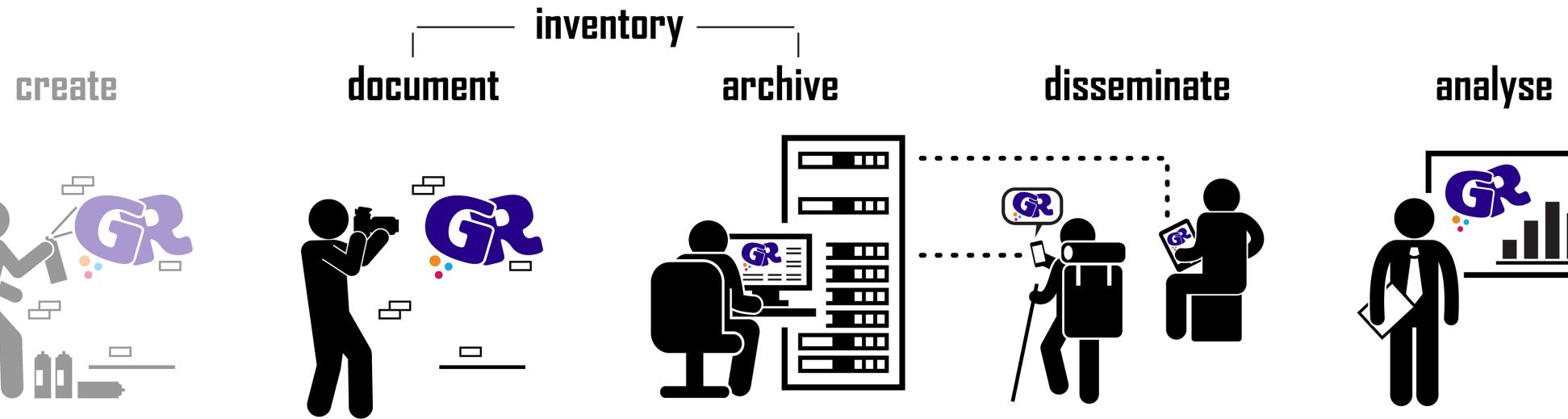
International Graffiti Symposium

14-16 June 2023 Vienna, Austria

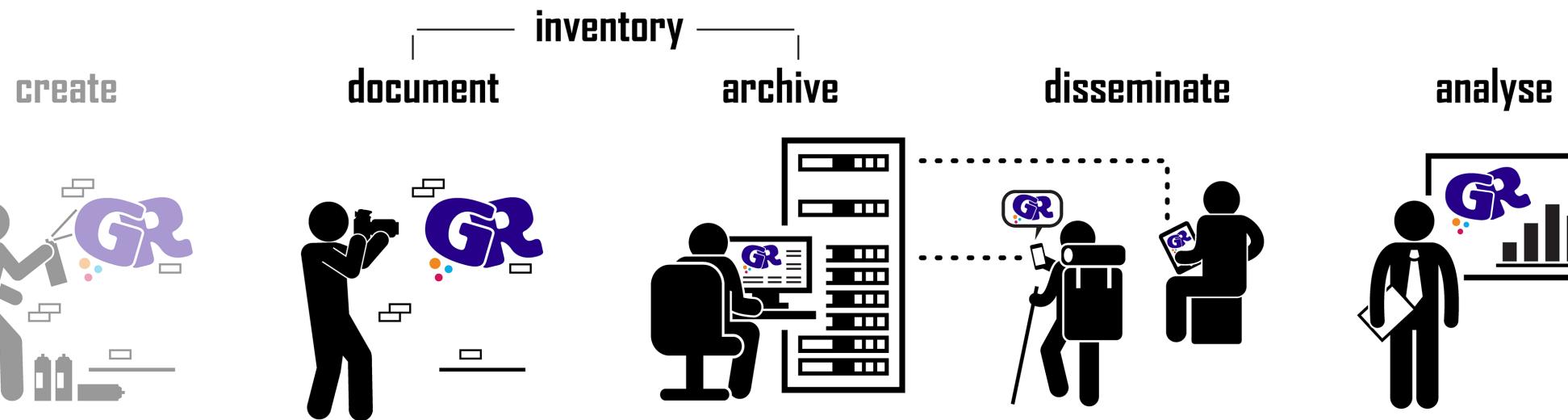
The INDIGO graffiti project is funded by the Heritage Science Austria programme of the Austrian Academy of Sciences (ÖAW)



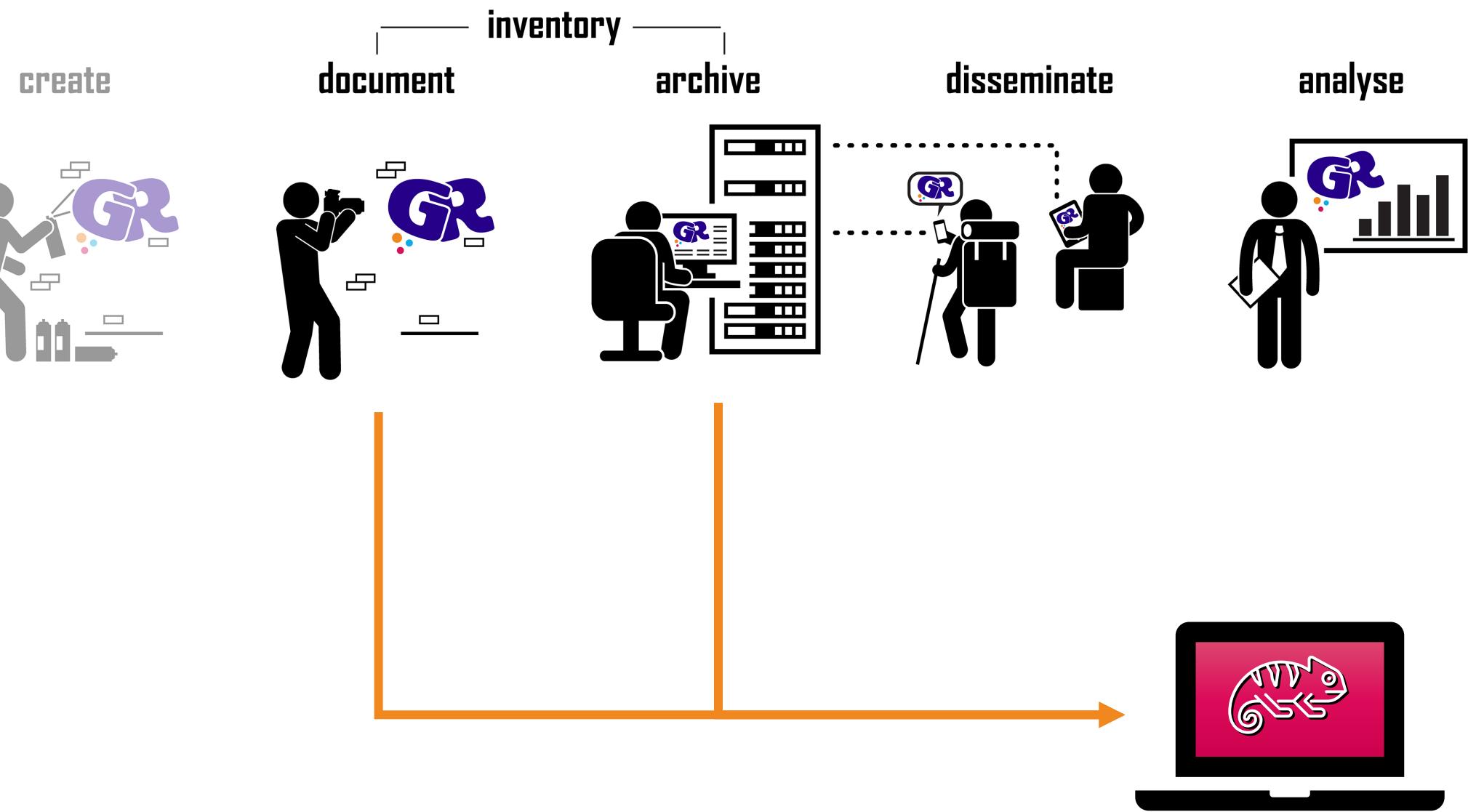
project INDIGO



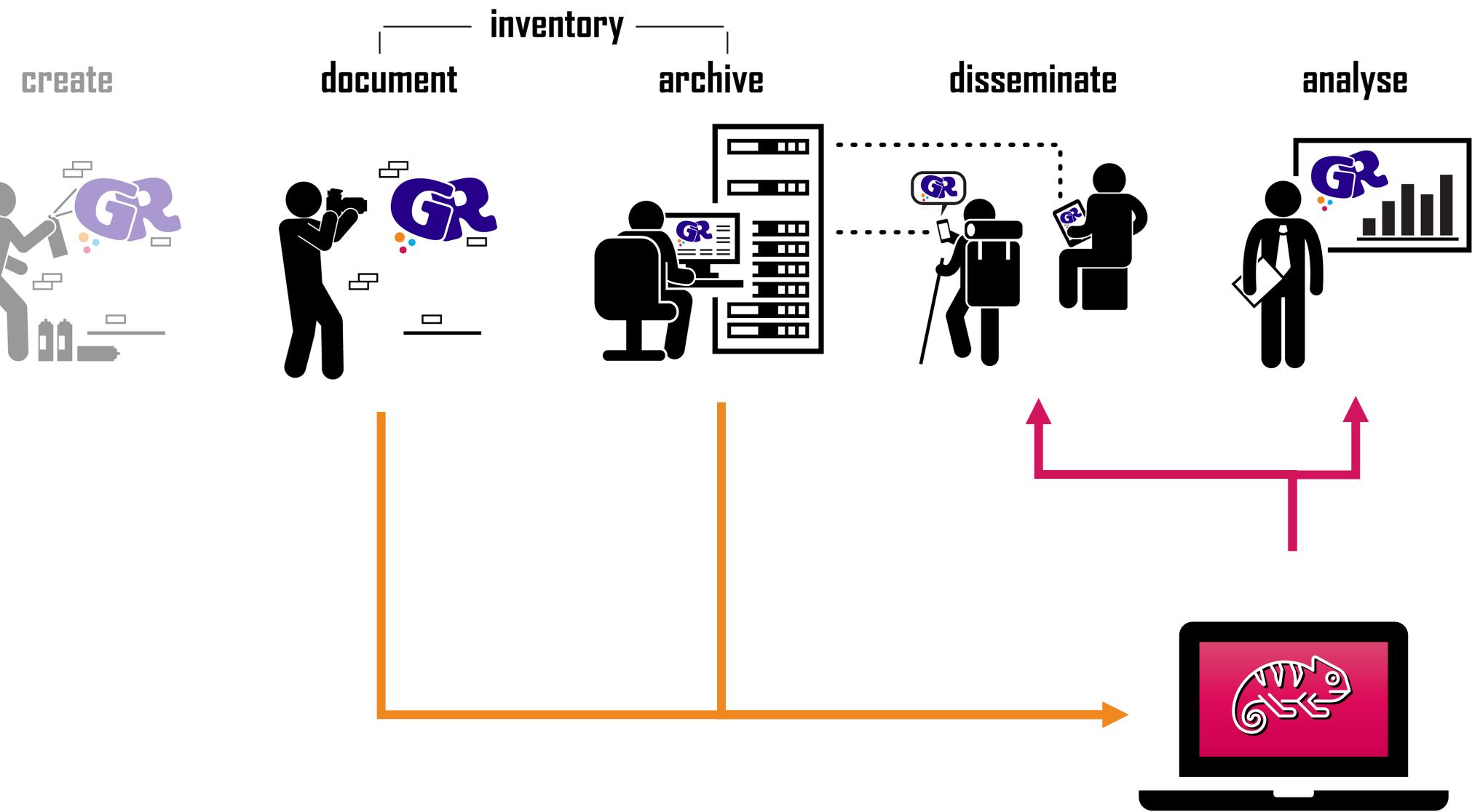
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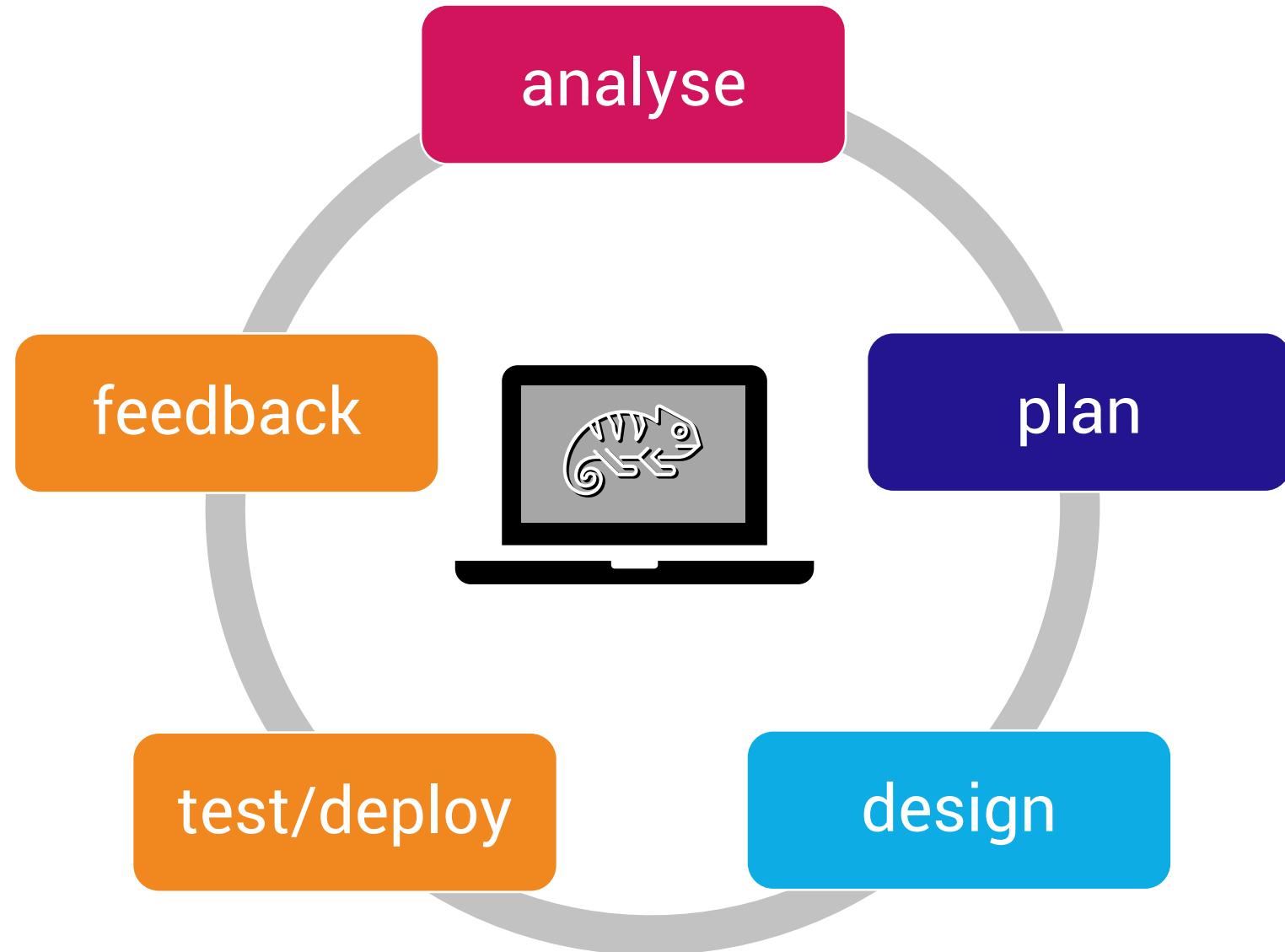
project INDIGO



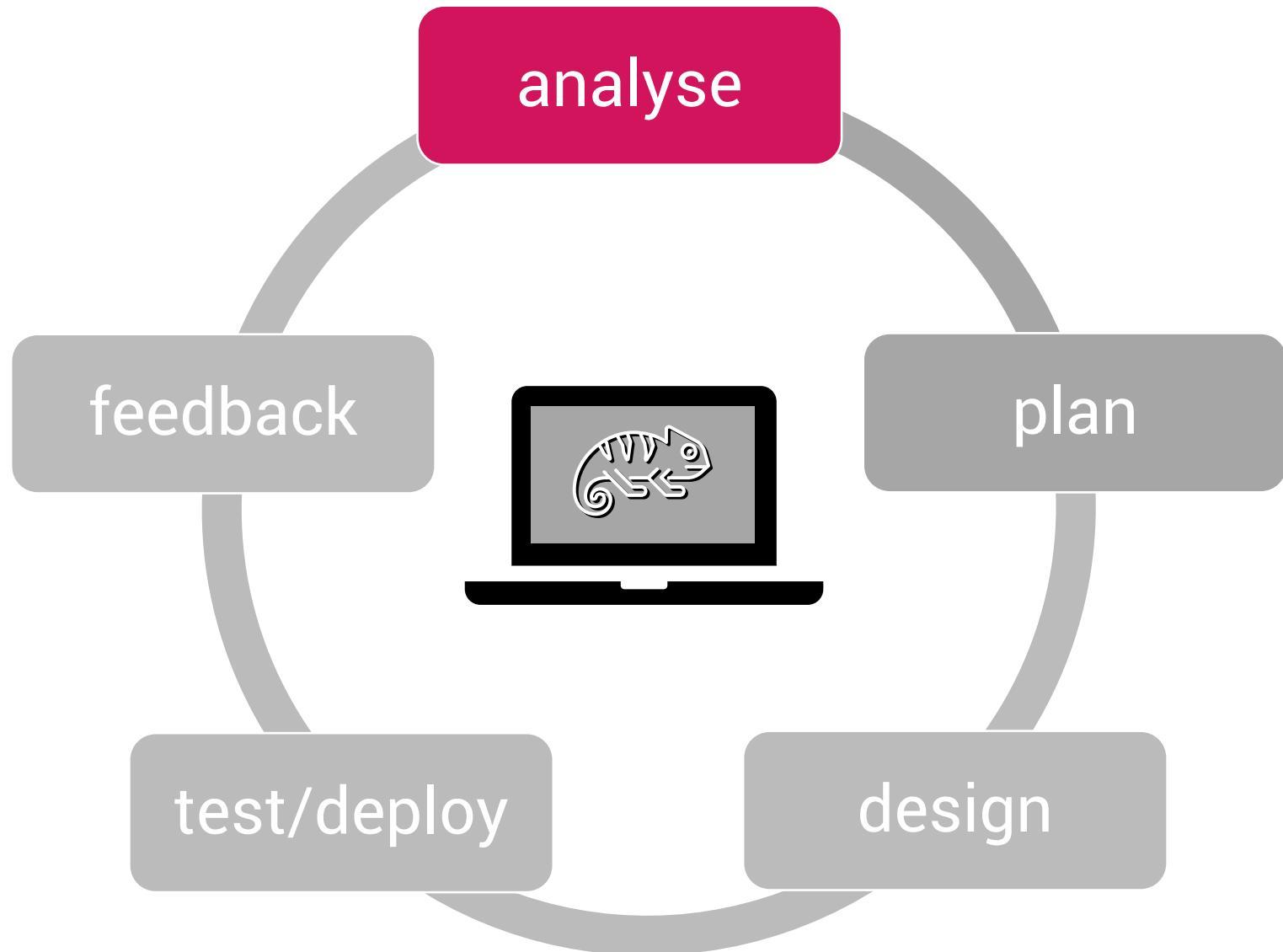
project INDIGO

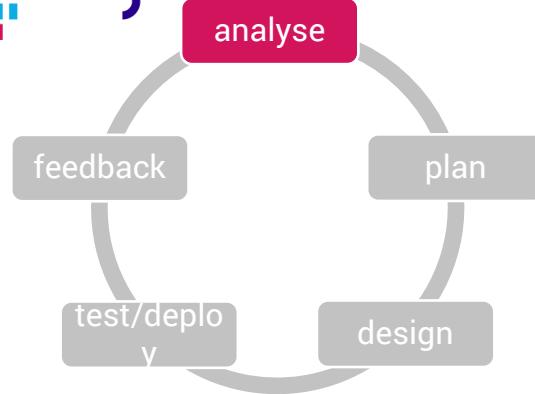


circular approach

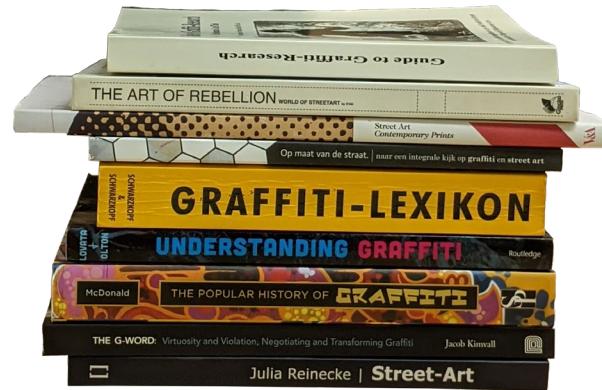


analysing a research field



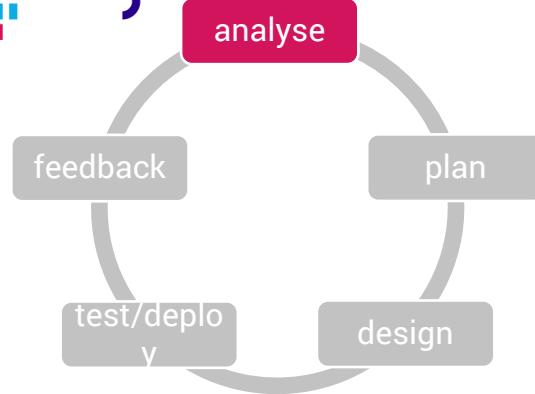


thesaurus

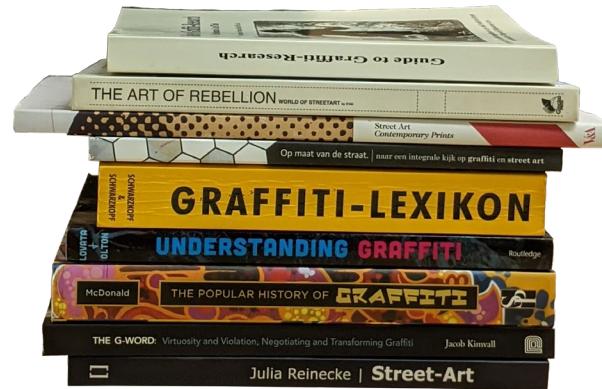


Getty AAT

INDIGO thesaurus

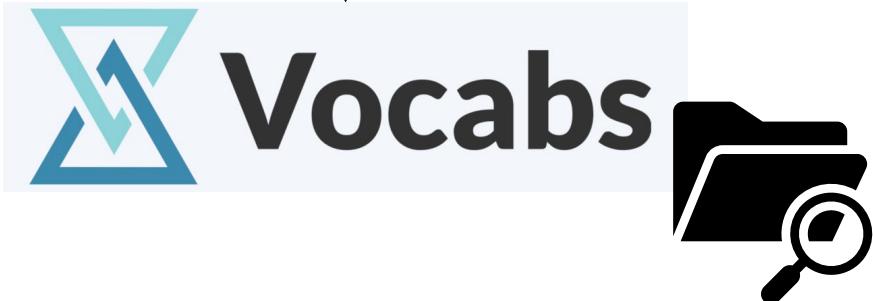


thesaurus

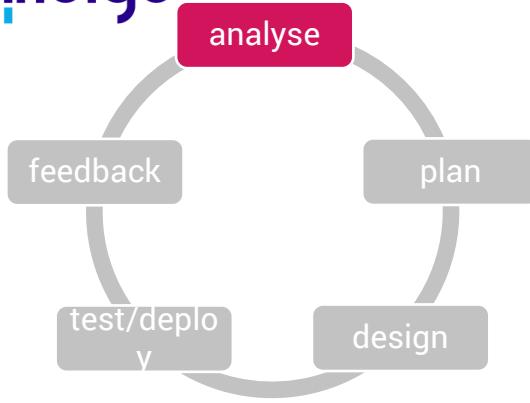


Getty AAT

INDIGO thesaurus



literature review

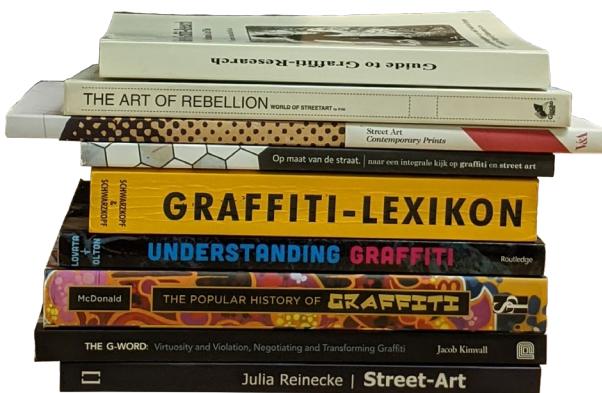


Geography

Fine Arts

Urban Studies

Anthropology



Art History

Sociology

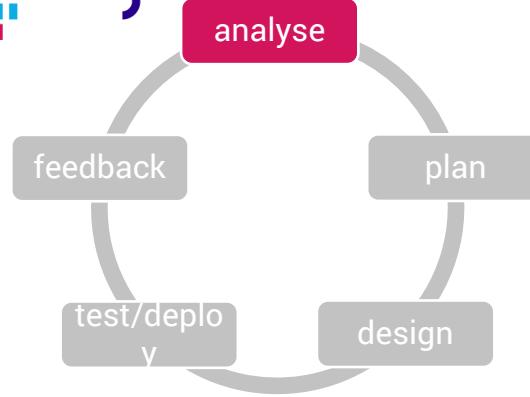
Cultural Studies

Linguistics

Criminology

Archaeology

Media Studies



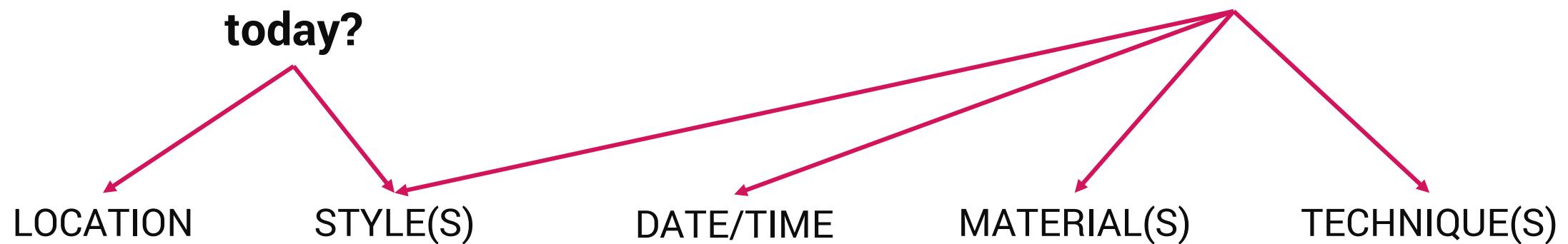
research questions



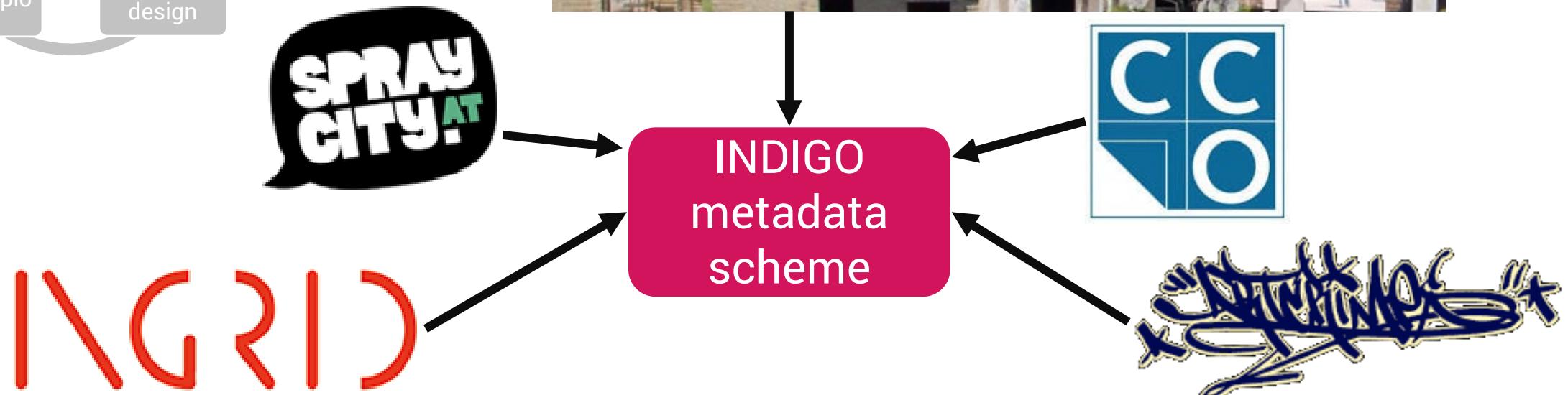
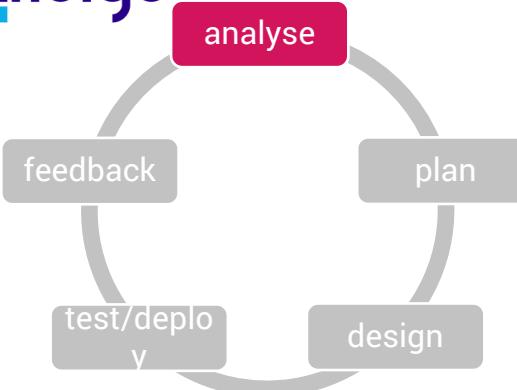
How does the distribution of different graffiti styles vary across the right bank of the Danube Canal in Vienna today?



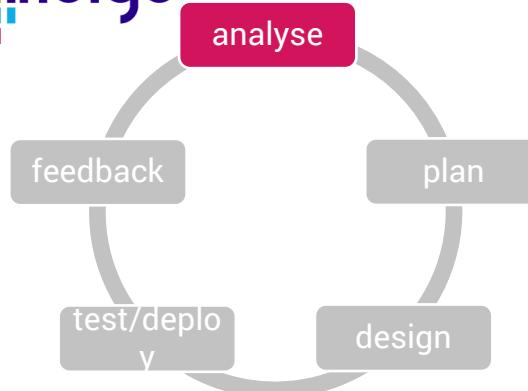
Are there different trends in the used graffiti styles compared to summer and winter?



metadata catalogues



metadata catalogues



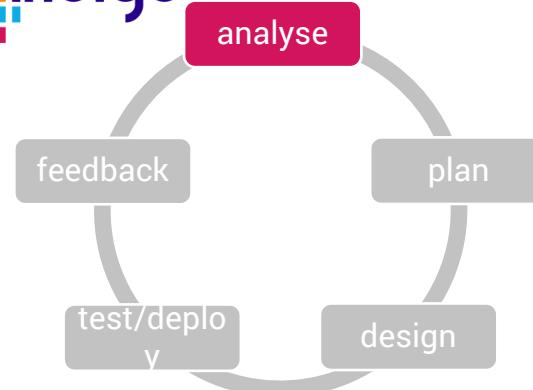
INDIGO metadata scheme

Category Level	INDIGO Category Name	ArtCrimes Category Level	ArtCrimes Category Name	Category Level	Category Name	CCG Category Description	Category Name	Category Description
10	Descriptive key words				Display		hasTag	Information
11							hasCoverage	General coverage content (titles, abstracts, spans, tables, figures, images, etc.)
12							hasCountry	Vienna, Mozart city, Austria
13							hasRegion	State, region, country
14							hasOrganization	Organization
15							hasEvent	Event
16							hasWork	Work
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18							hasText	Text
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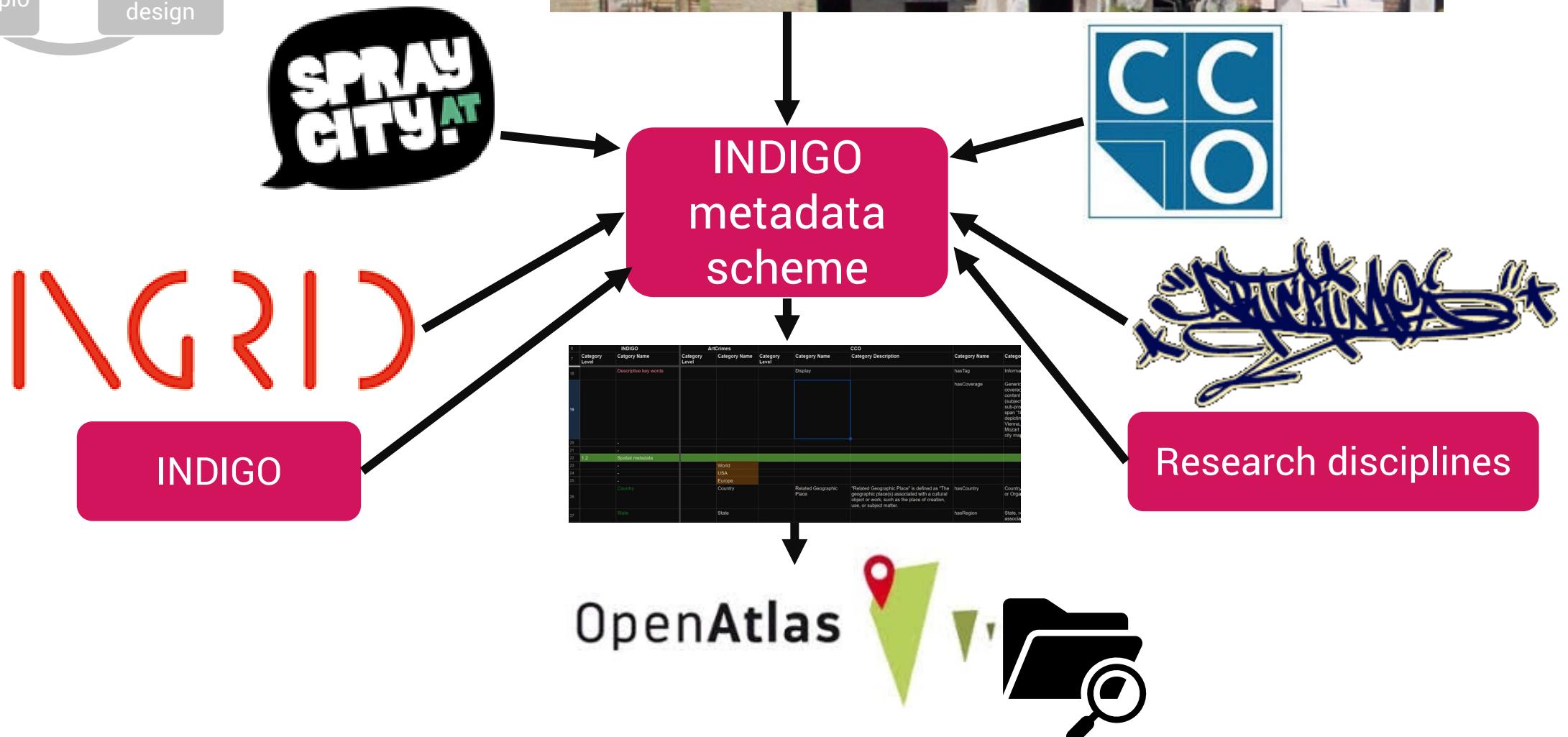
INGRID

INDIGO

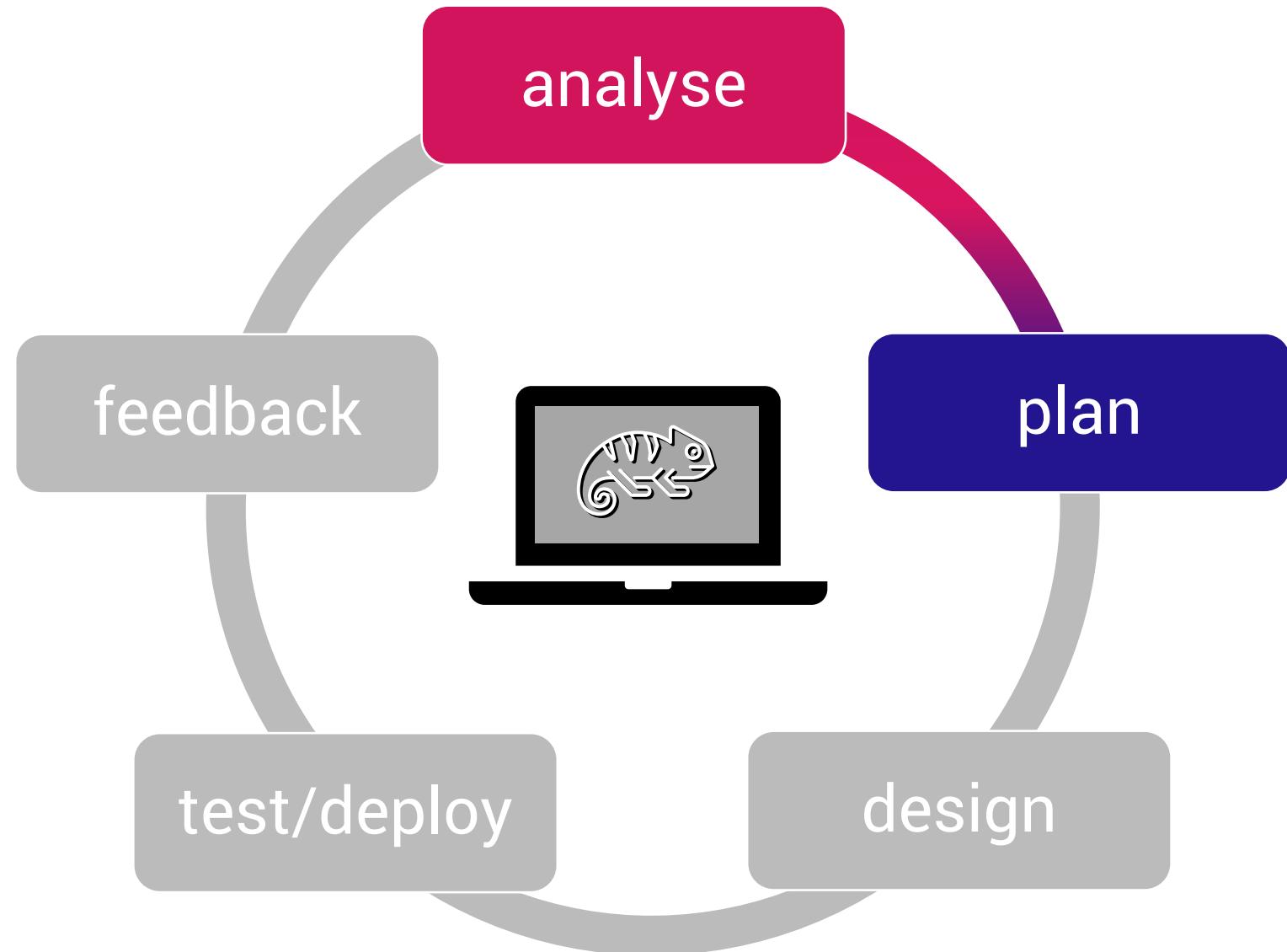
Research disciplines

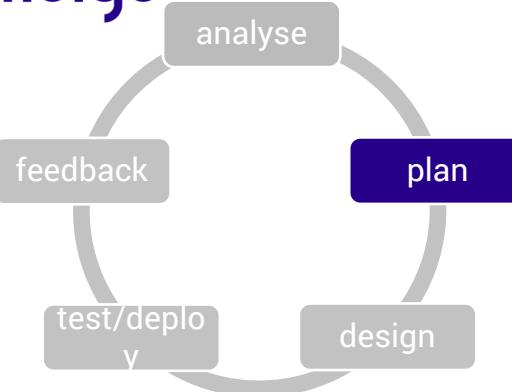


metadata catalogues



planning the platform





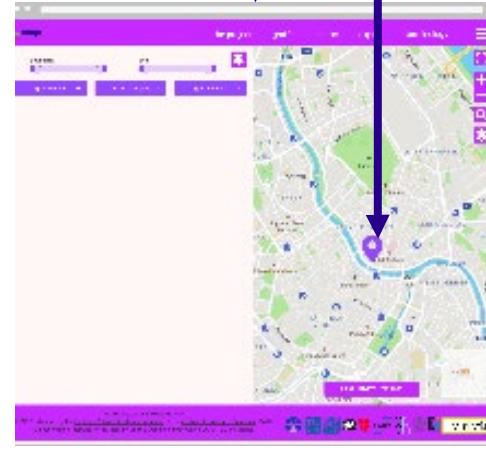
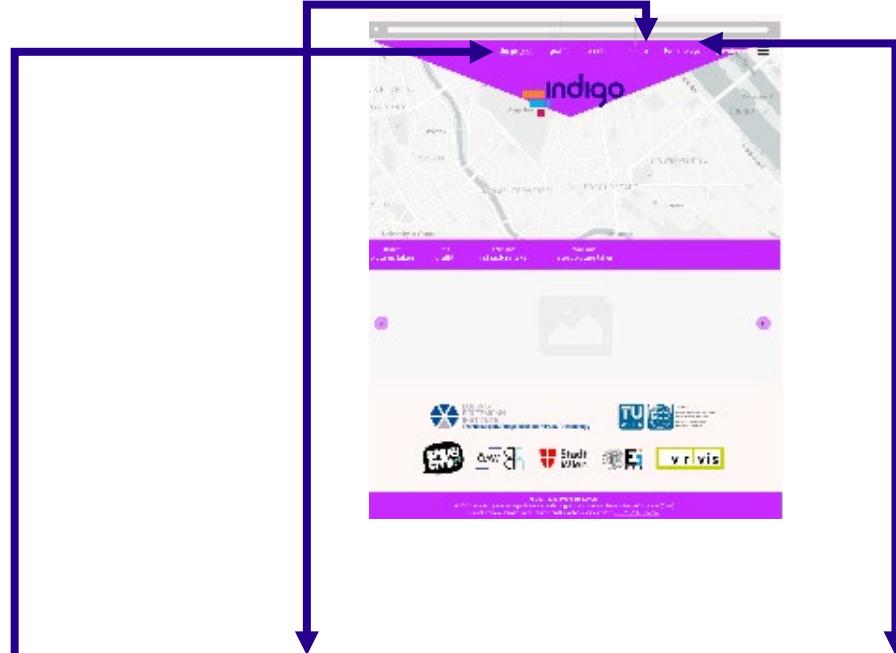
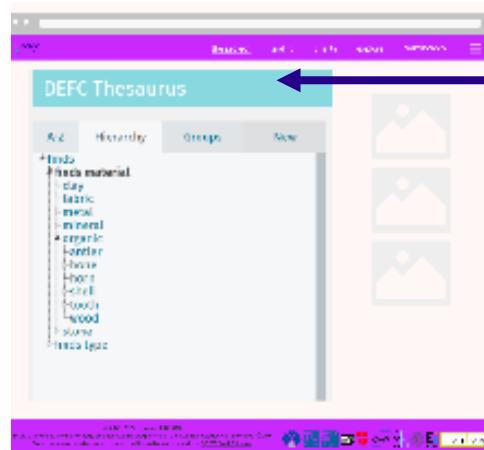
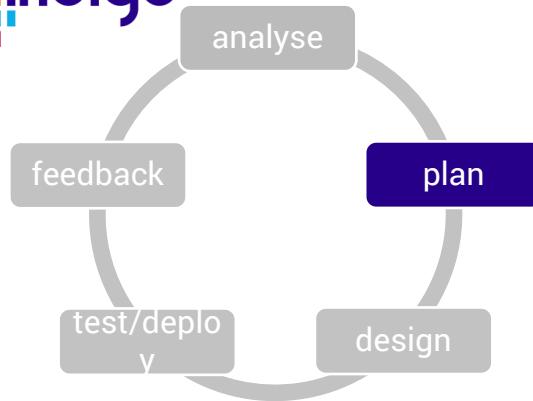
data input



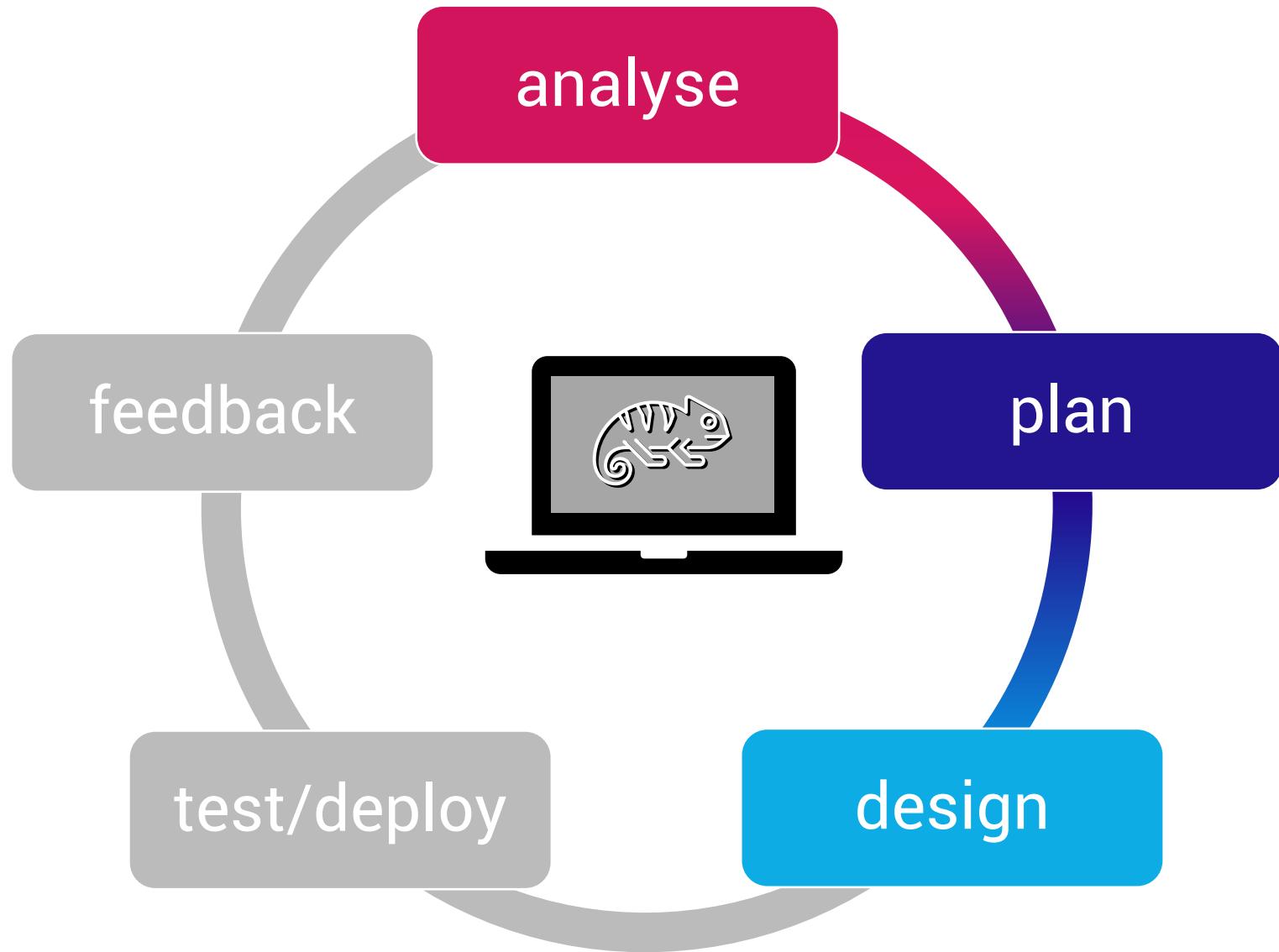
OpenAtlas



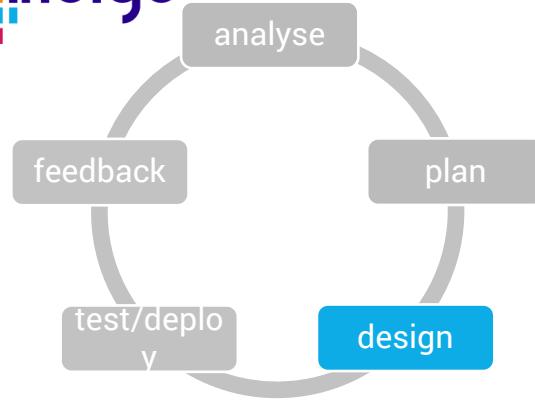
wireframe



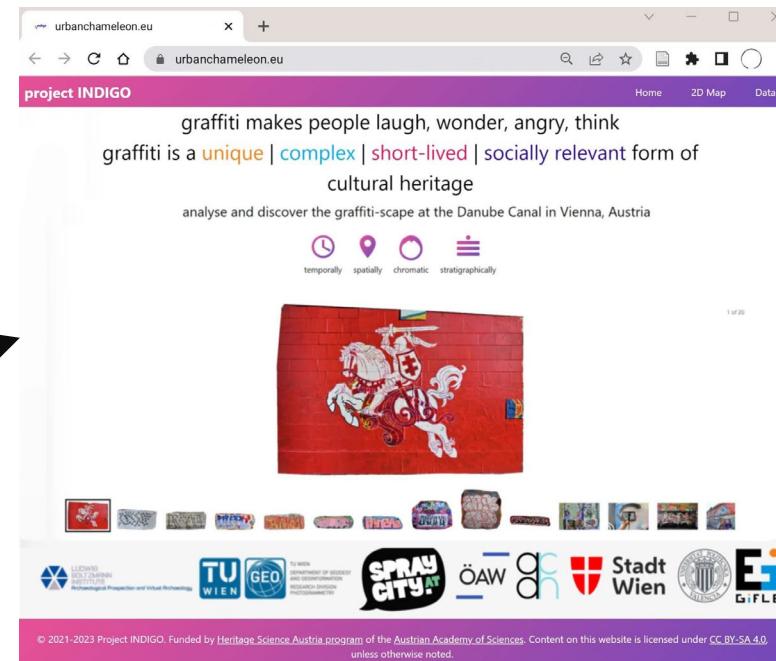
designing the online platform



web development



urbanchameleon.eu



project INDIGO

graffiti makes people laugh, wonder, angry, think

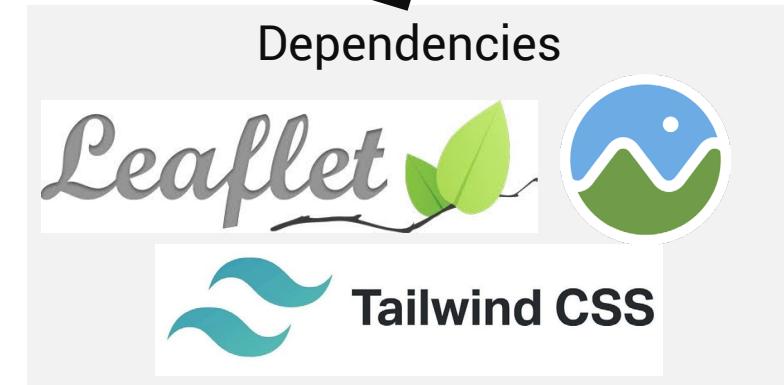
graffiti is a unique | complex | short-lived | socially relevant form of cultural heritage

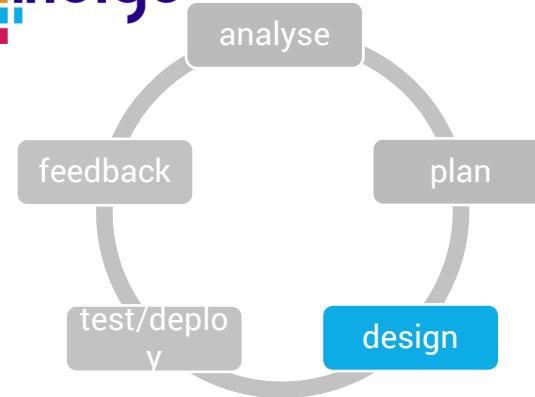
analyse and discover the graffiti-scape at the Danube Canal in Vienna, Austria

temporally spatially chromatic stratigraphically

1 of 20

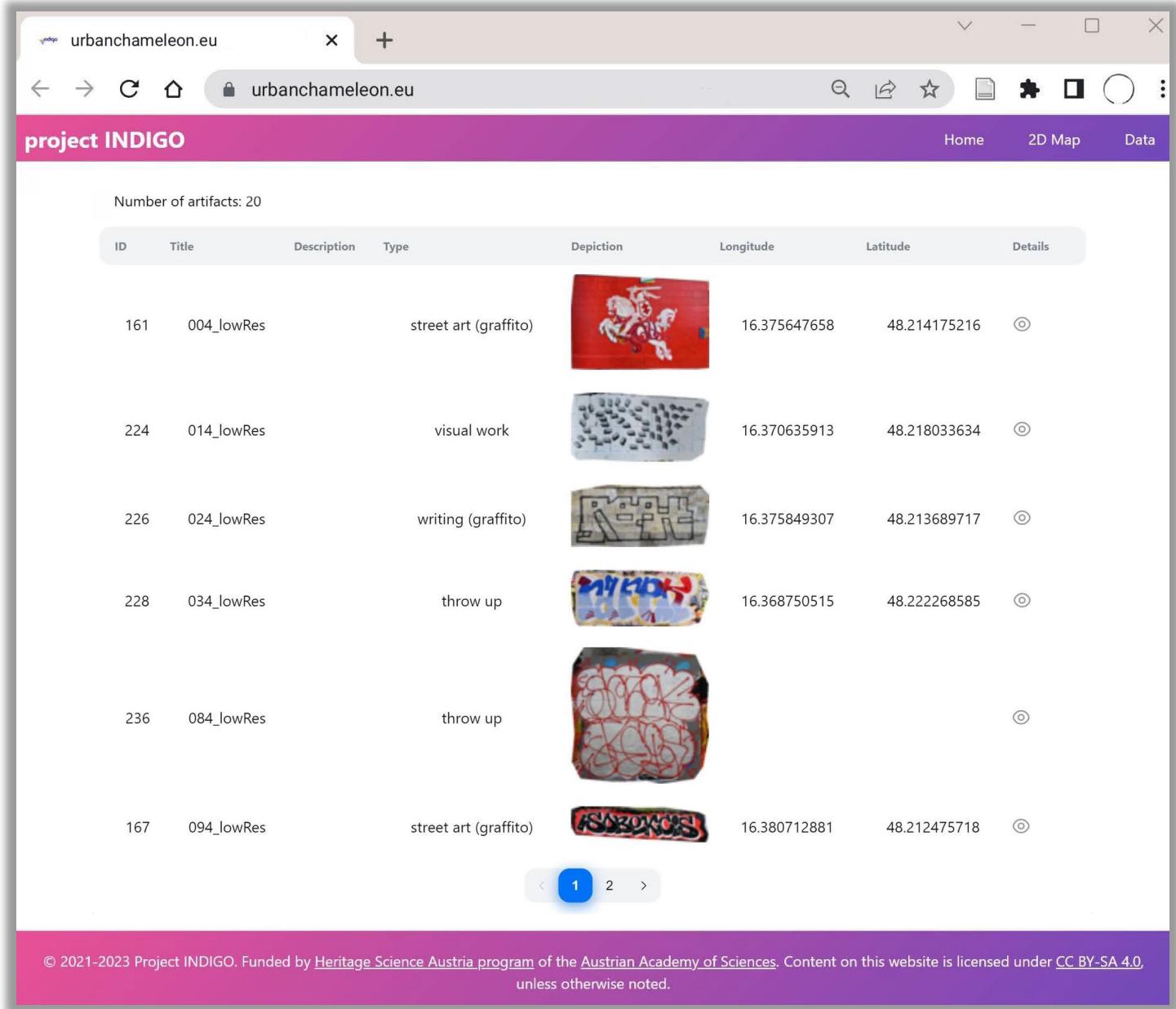
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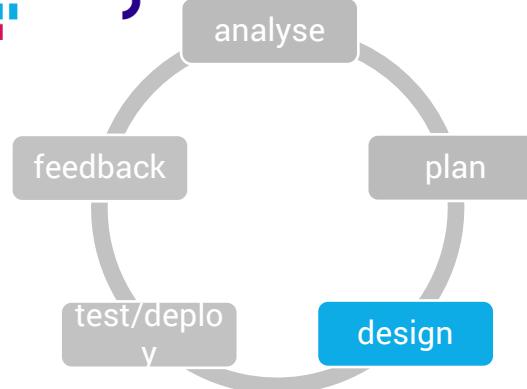
Tailwind CSS

table view

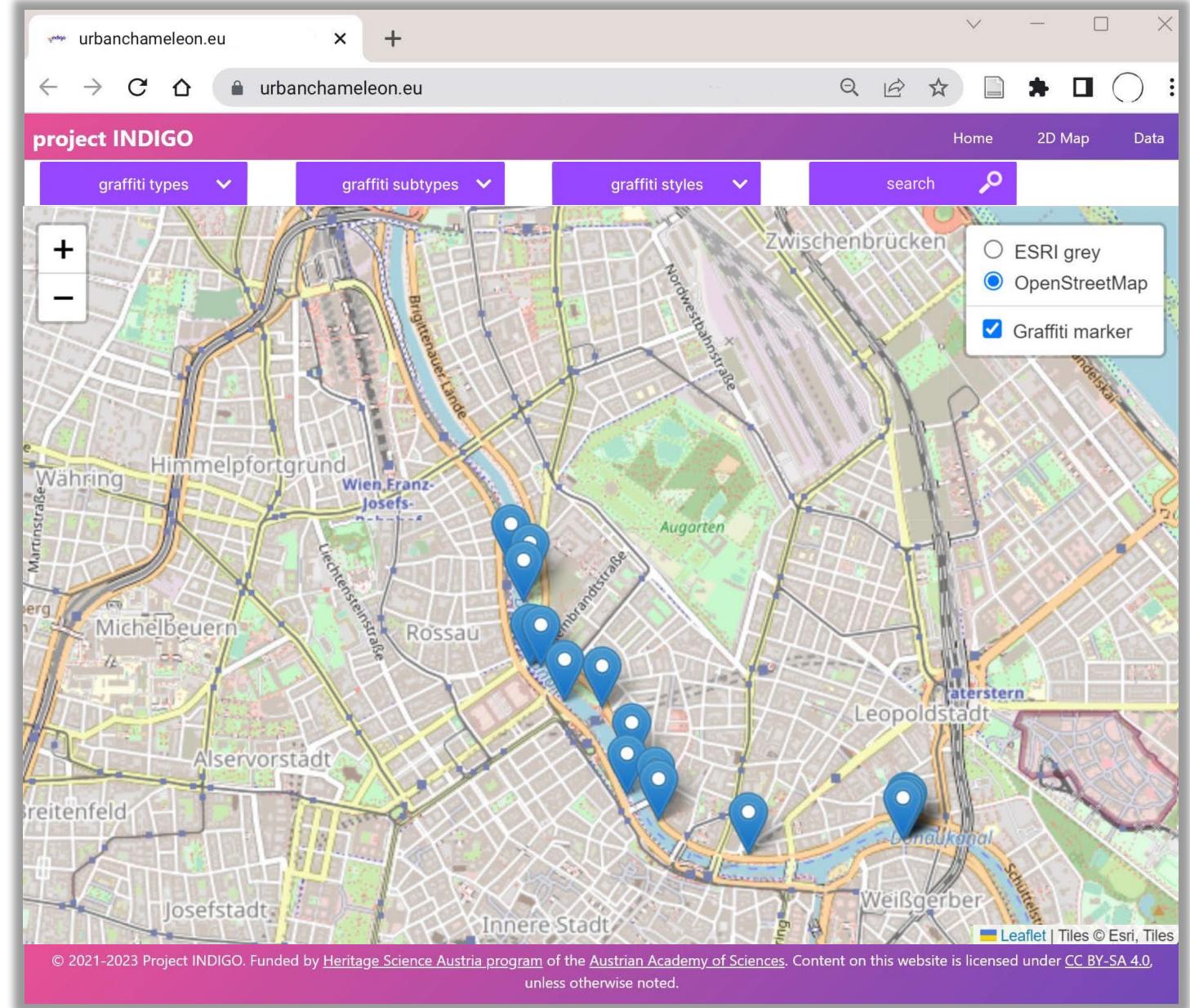


ID	Title	Description	Type	Depiction	Longitude	Latitude	Details
161	004_lowRes		street art (graffito)		16.375647658	48.214175216	@
224	014_lowRes		visual work		16.370635913	48.218033634	@
226	024_lowRes		writing (graffito)		16.375849307	48.213689717	@
228	034_lowRes		throw up		16.368750515	48.222268585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

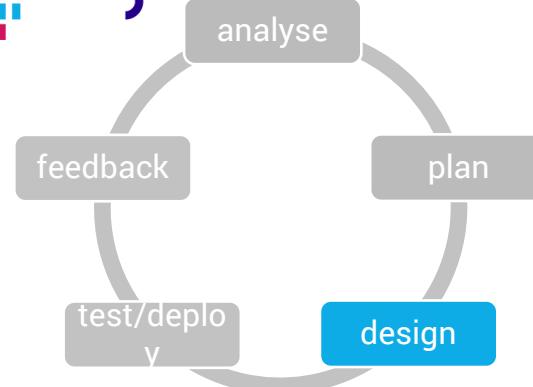
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map view

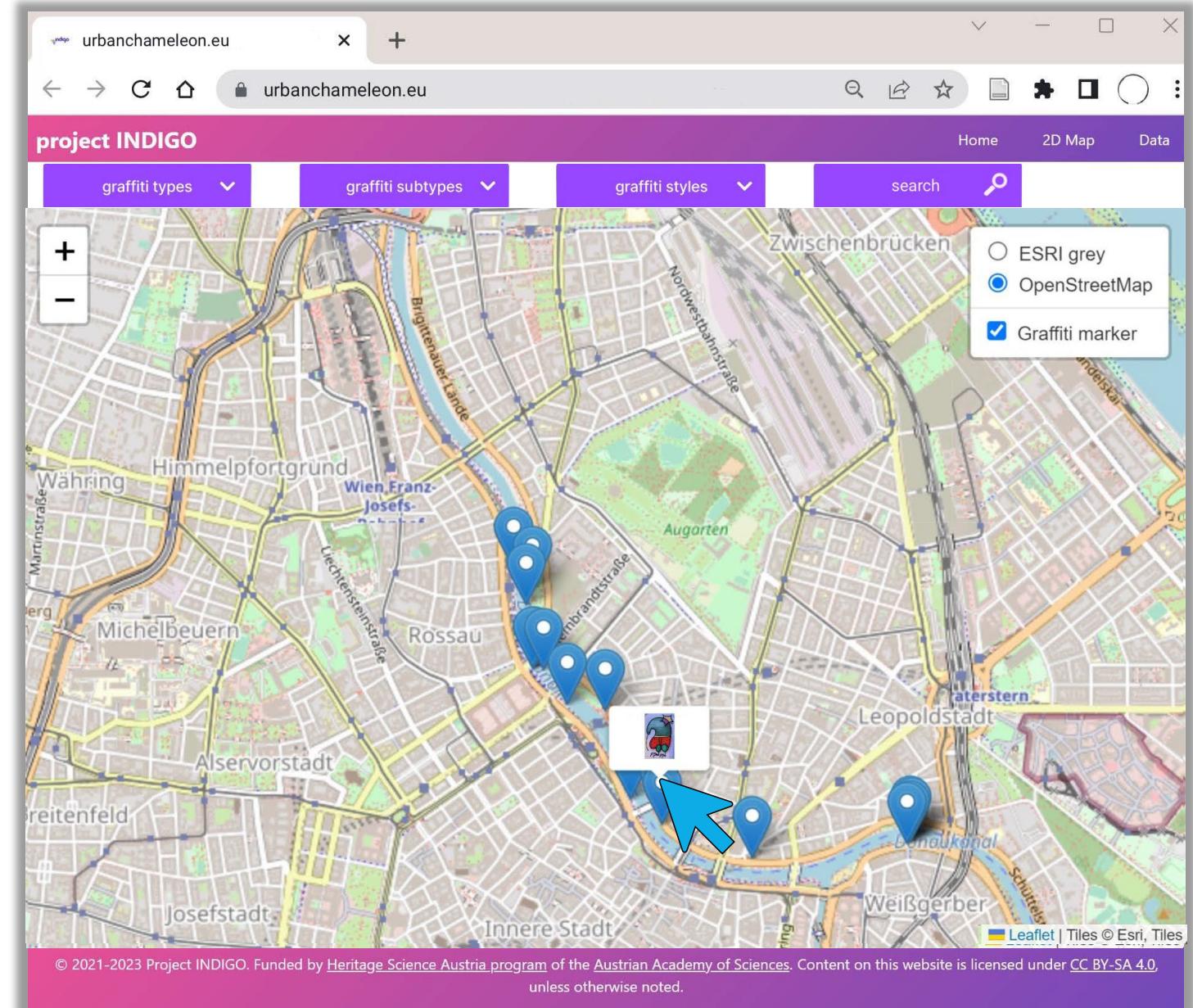


A screenshot of a web browser window displaying a map of Vienna, Austria. The map shows the city's street grid, major roads, and landmarks like the Augarten park and the Danube canal. Numerous blue location markers are scattered across the map, primarily concentrated along the Danube canal and in the Leopoldstadt district. The map interface includes a zoom control (+/-), a search bar, and a legend in the top right corner. The legend options are: ESRI grey (grey circle), OpenStreetMap (blue circle), and Graffiti marker (checkbox). The copyright notice at the bottom of the map states: "© 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." The URL in the address bar is "urbanchameleon.eu".

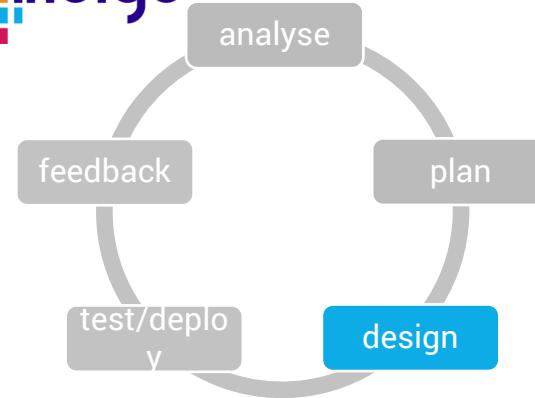


 Leaflet

map view

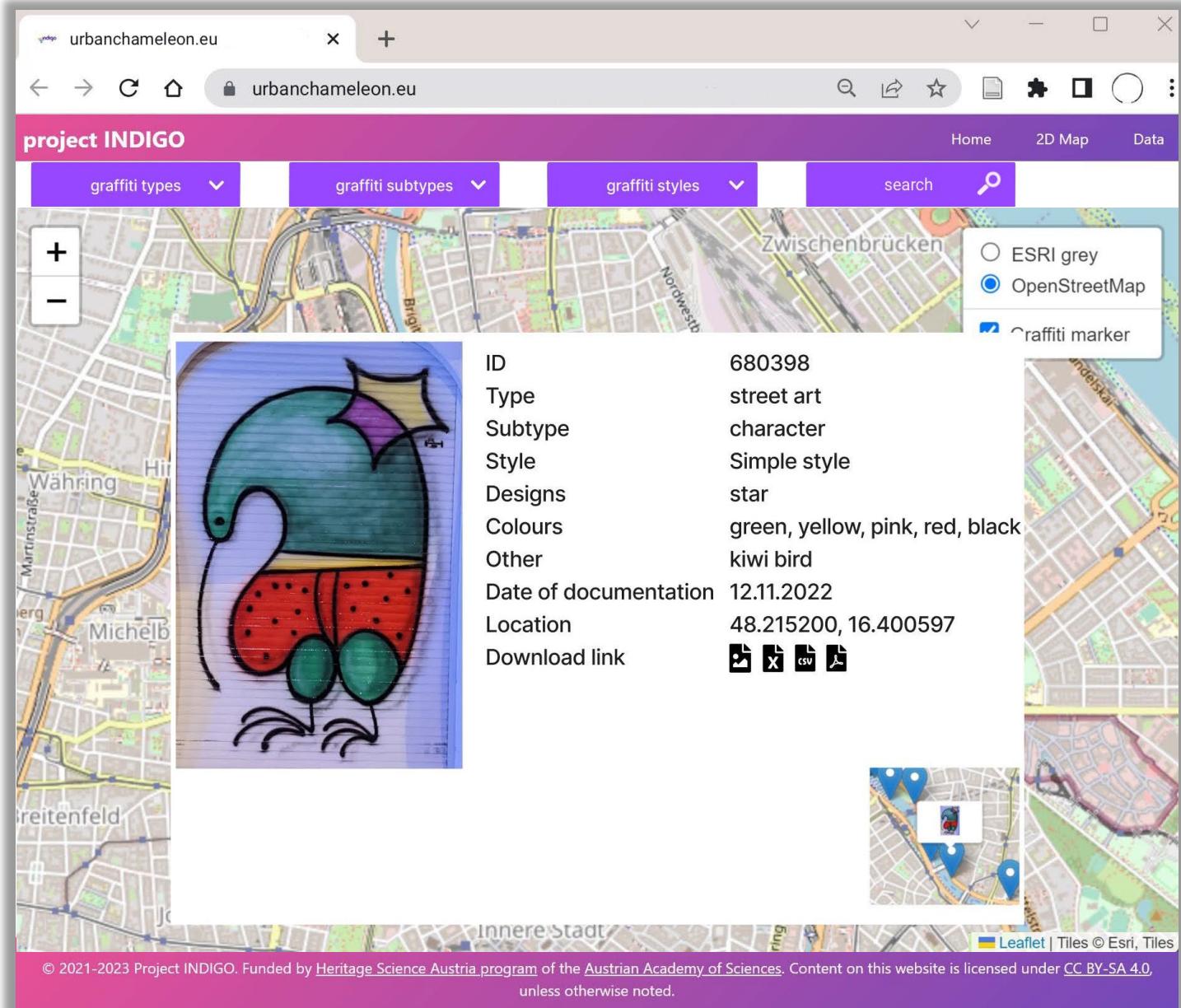


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Tailwind CSS

details



The screenshot shows a web browser window for urbanchameleon.eu. The title bar says "project INDIGO". The top navigation bar includes "Home", "2D Map", and "Data". Below the navigation is a search bar with a magnifying glass icon. There are three dropdown menus: "graffiti types", "graffiti subtypes", and "graffiti styles", each with a downward arrow. To the right of these are "search" and a magnifying glass icon.

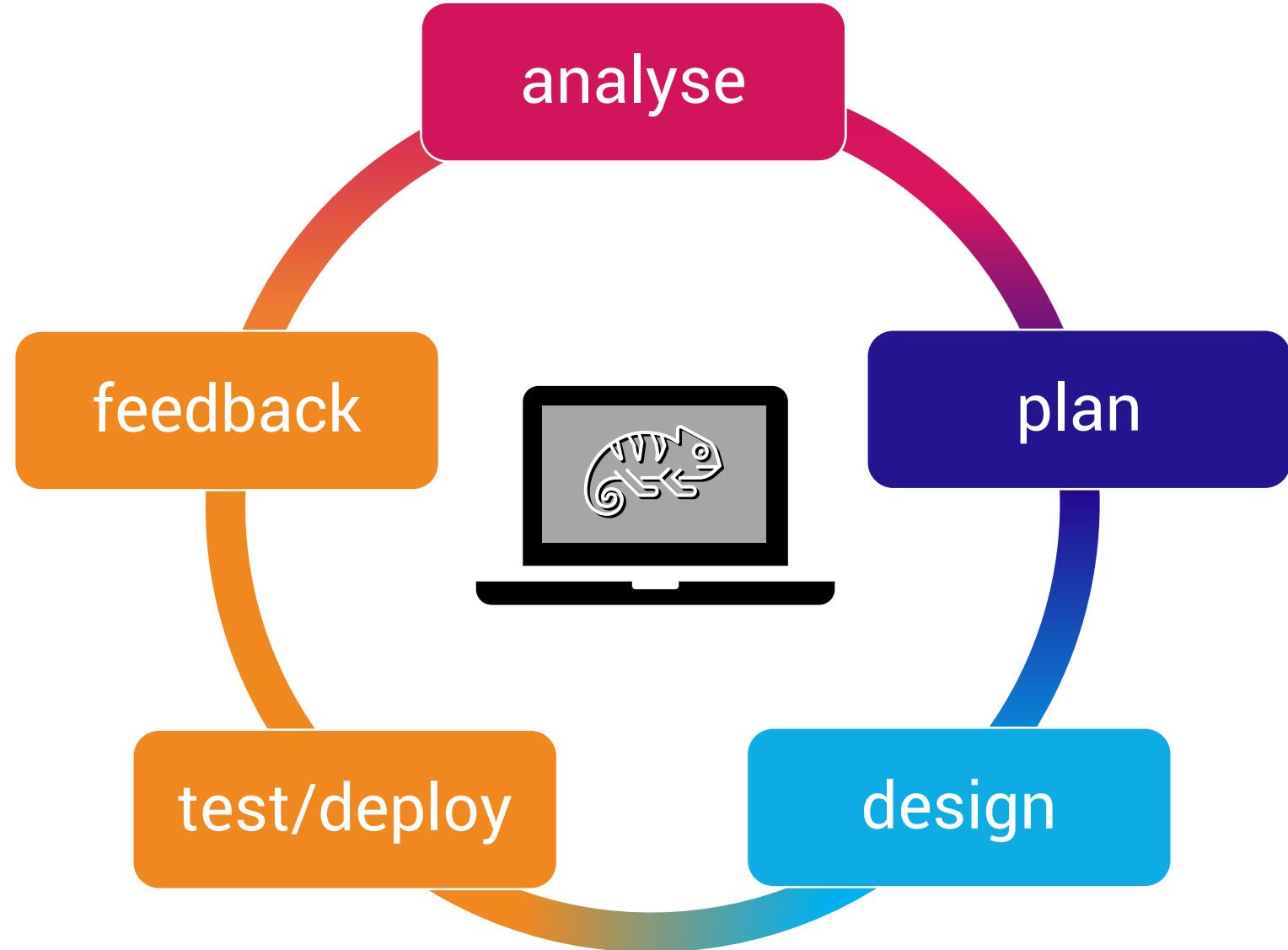
The main content area features a map of a city street with several blue markers indicating graffiti locations. In the center, there is a large image of a street art piece depicting a cartoon character with a green body, yellow wings, pink and red spots, and a black star on its chest. To the left of the image is a smaller inset map showing the broader area of Währing, Hietzing, and Margareten.

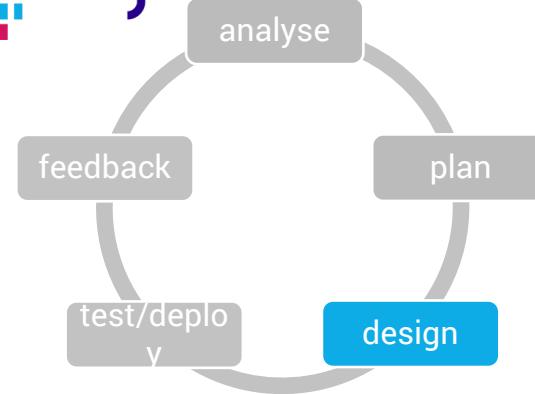
On the right side, there is a detailed data card for a specific graffiti entry:

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	

At the bottom of the data card is a small map showing the location of the graffiti on the larger city map. The footer of the page contains the text: "© 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." and "Leaflet | Tiles © Esri, Tiles".

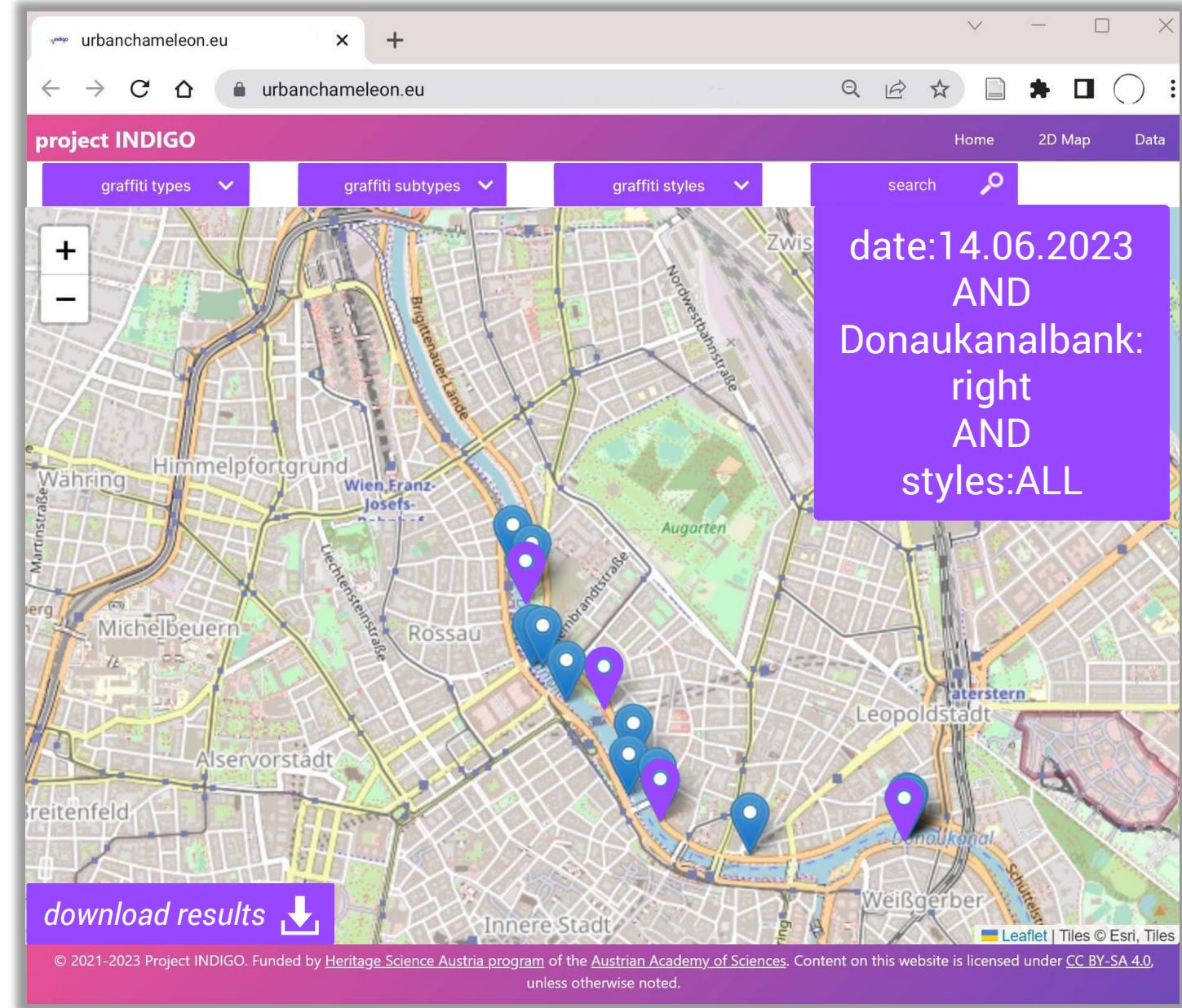
outlook

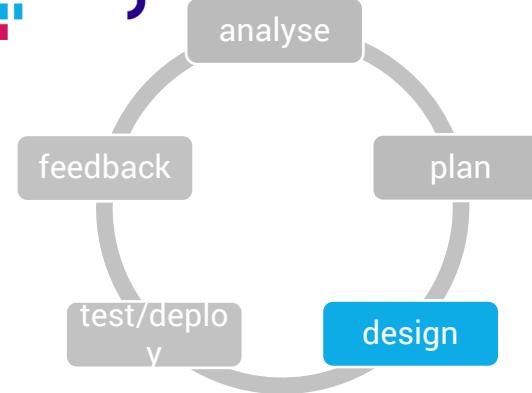




data querying

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

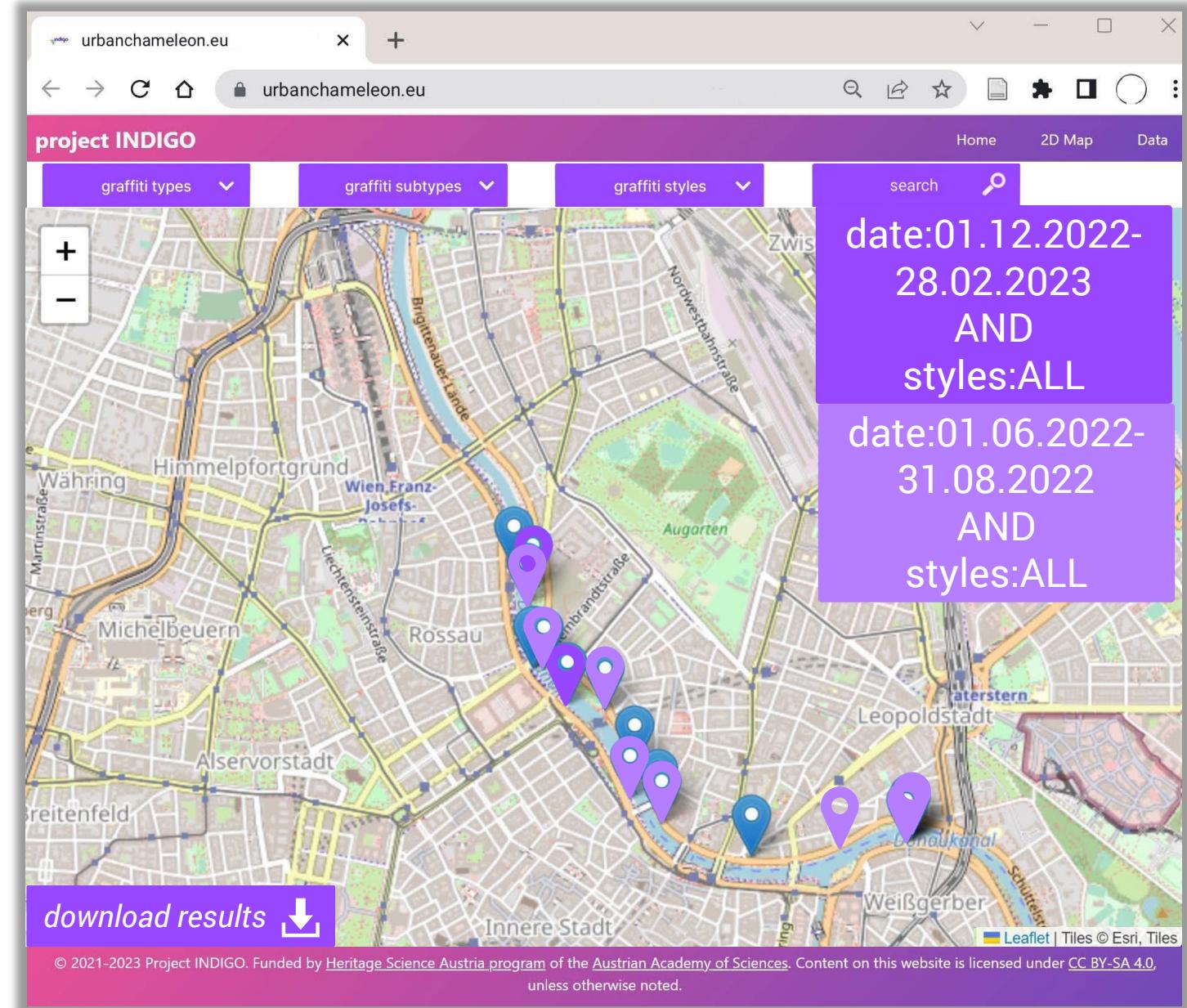


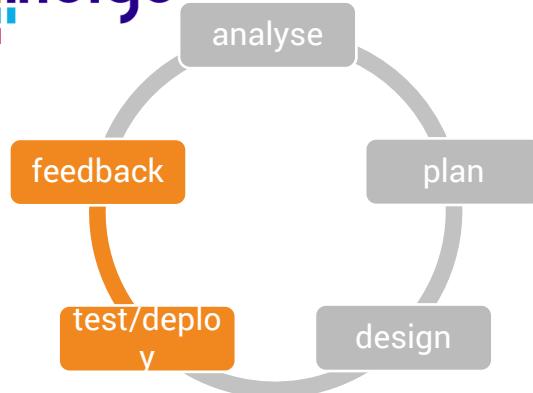


Are there different trends in the used graffiti styles compared to summer and winter?

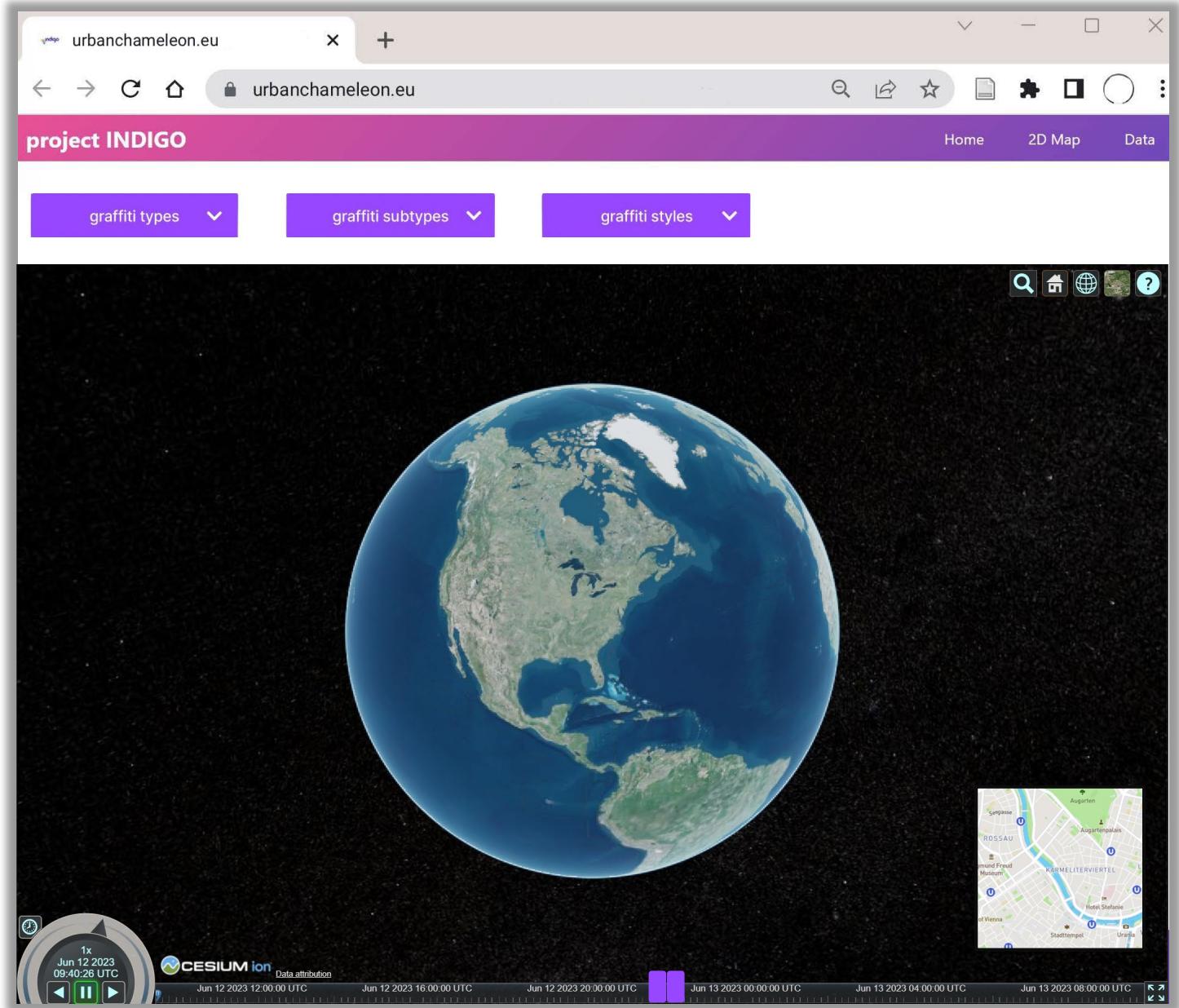


data querying

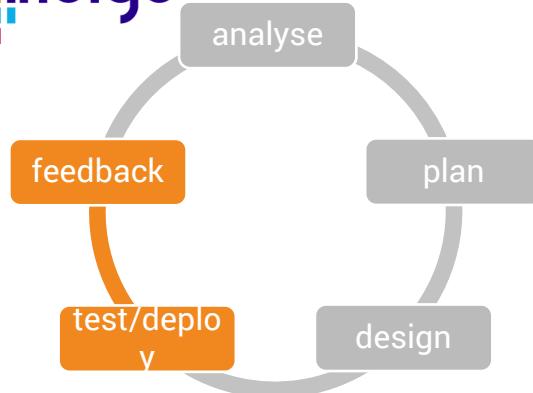




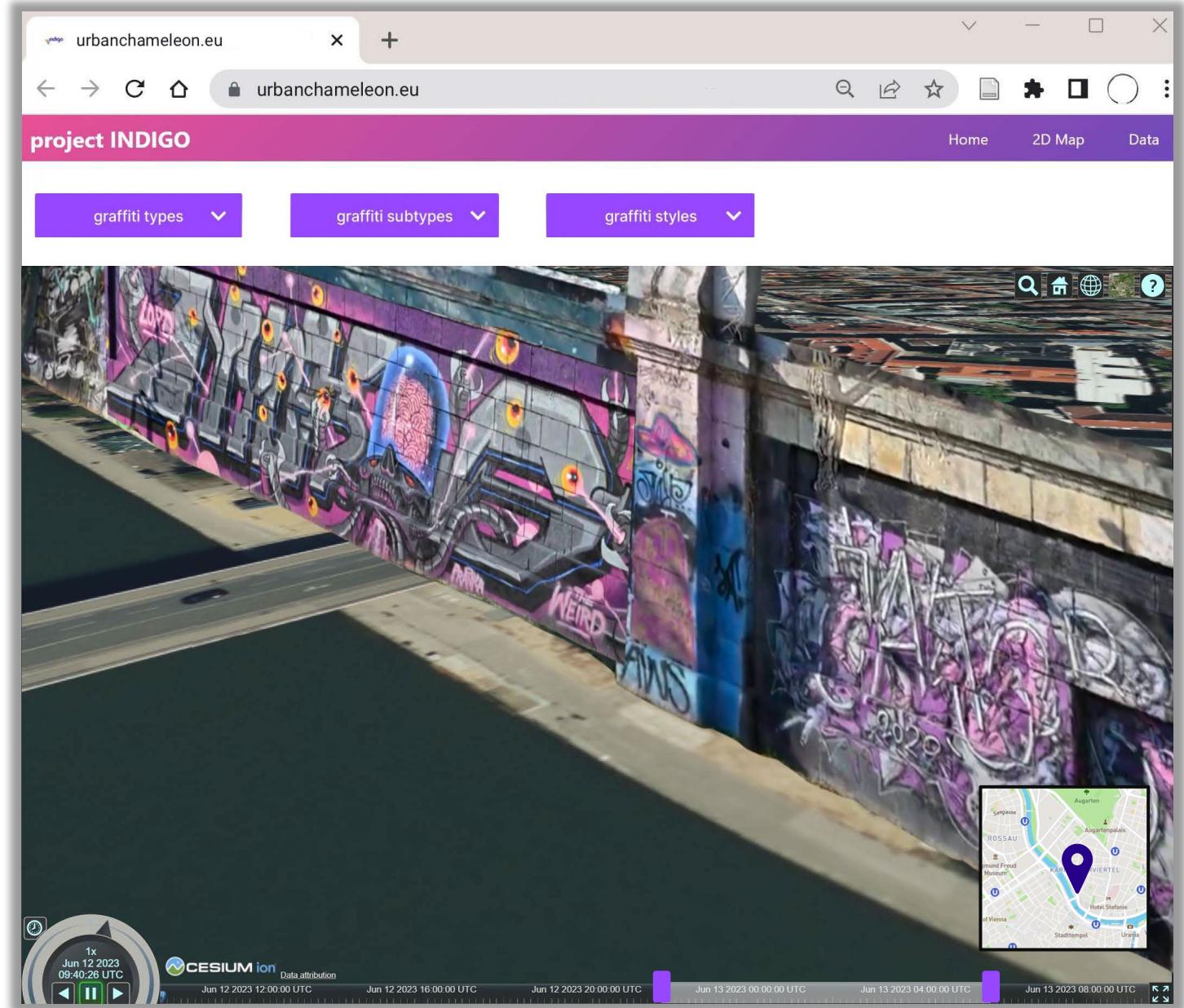
4D viewer

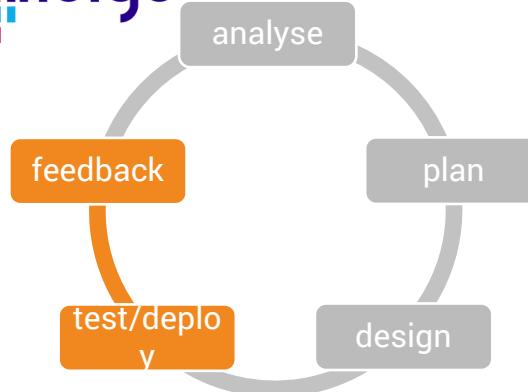


The screenshot displays the 4D viewer interface on a web browser. The top navigation bar includes the Indigo logo, the URL "urbanchameleon.eu", and links for "Home", "2D Map", and "Data". Below the navigation is a toolbar with dropdown menus for "graffiti types", "graffiti subtypes", and "graffiti styles". The main area features a 3D globe of the Earth centered on North America. In the bottom right corner, there is a small inset map of Vienna, Austria, showing street names like "Augarten", "Rossau", and "Hotel Stefanie". At the bottom of the screen, a timeline control shows a play button, the date "Jun 12 2023 09:40:26 UTC", and a frame rate of "1x". The Cesium Ion logo and "Data attribution" text are also present at the bottom.

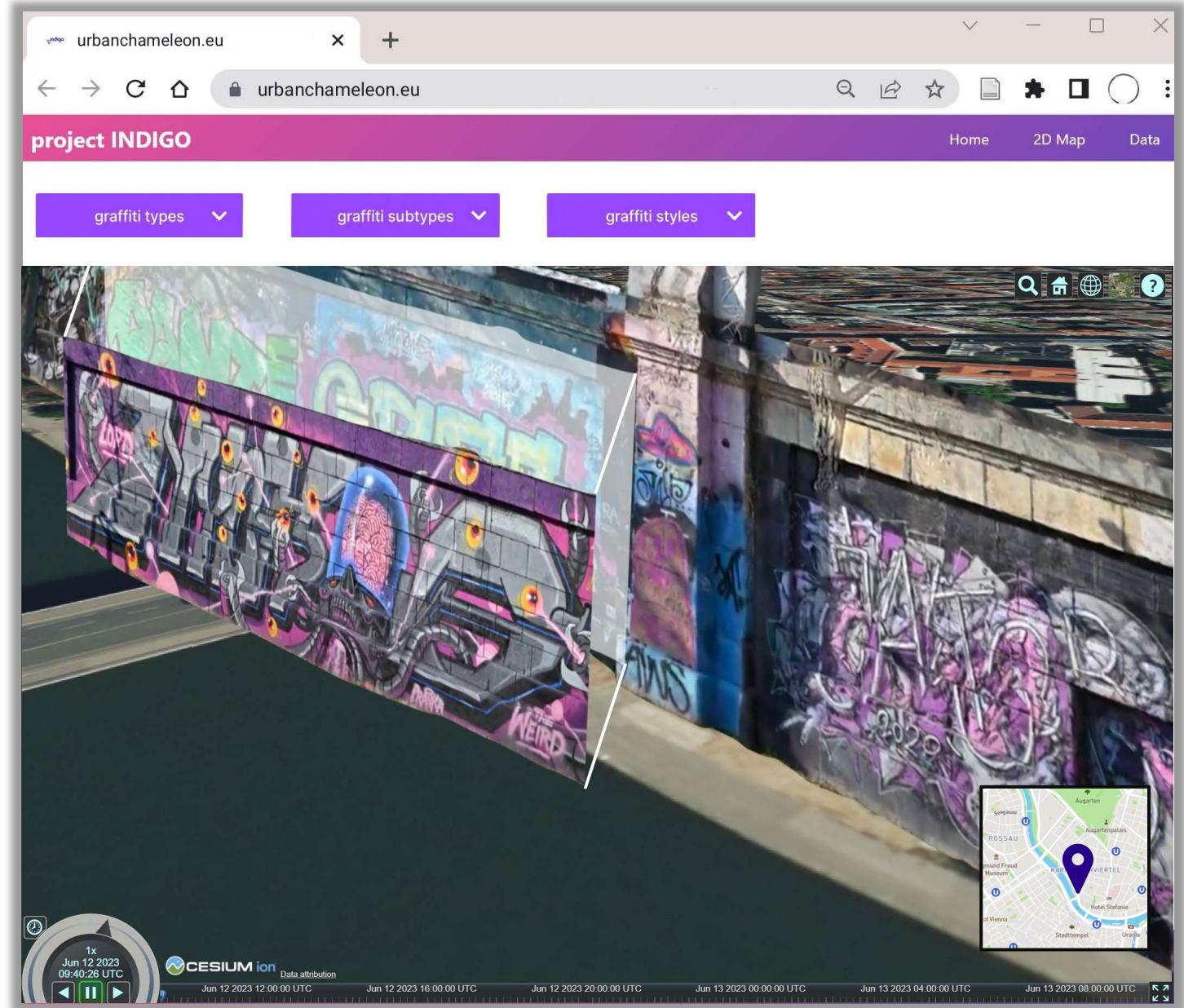


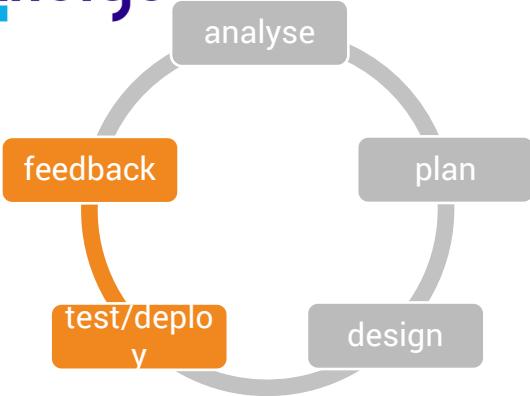
4D viewer





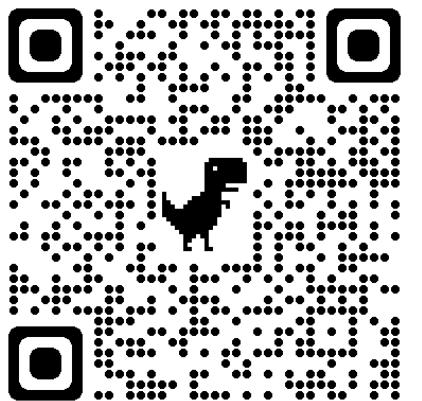
4D viewer





feedback

www.urbanchameleon.eu





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