Maria Ralli
Associate Researcher at the National Technical University of Athens

E-Space Portal/WITH federated search functionality for (re-)use of cultural content.
CrowdHeritage: CrowdSourcing Platform for enriching Cultural Heritage assets.

WITH platform

- ◉ API mashup
  - ▪ Europeana
  - ▪ Digital Public Library of America
  - ▪ Rijksmuseum
  - ▪ British Library
  - ▪ Historypin etc
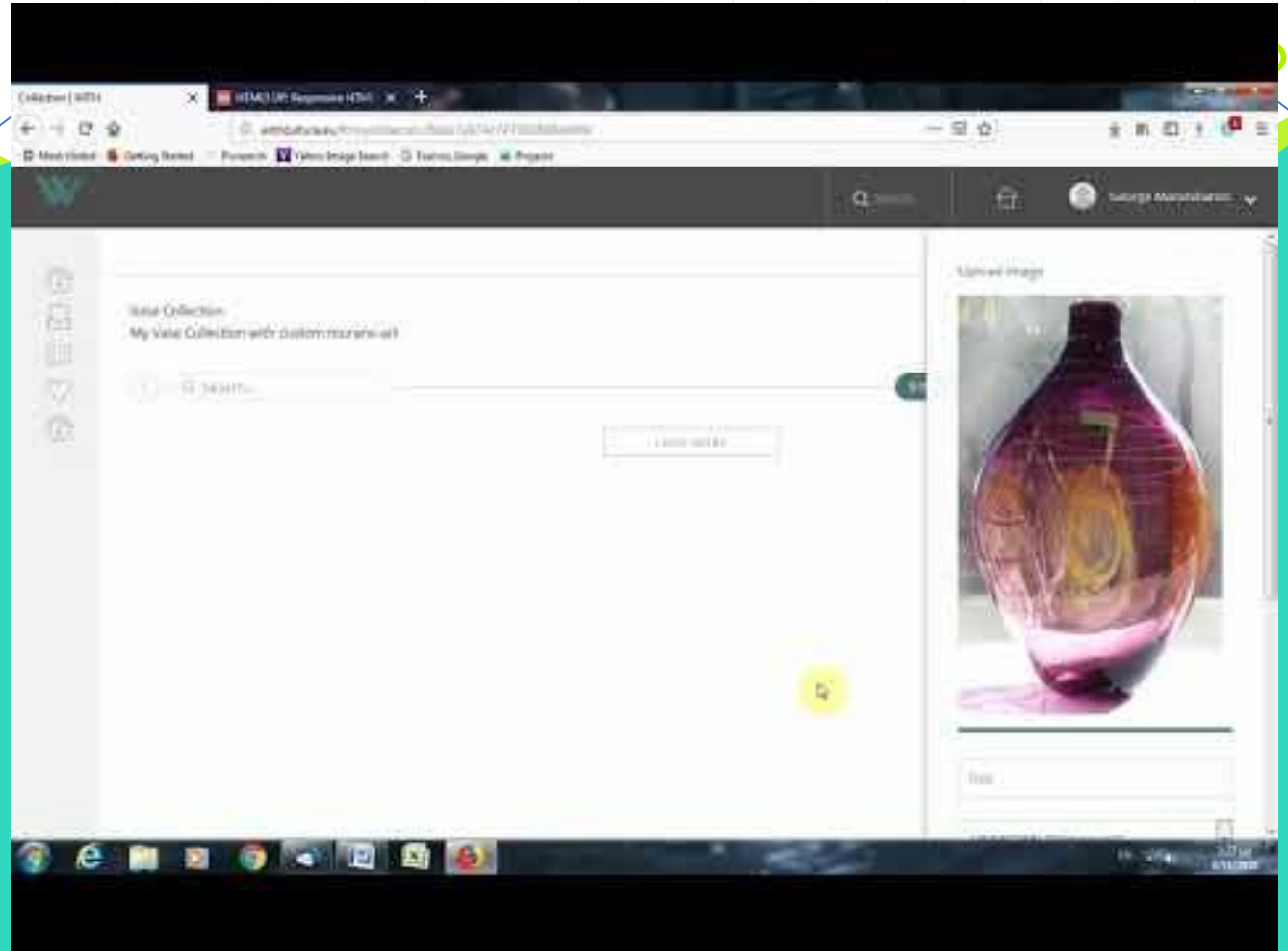- ◉ Federated and Faceted search
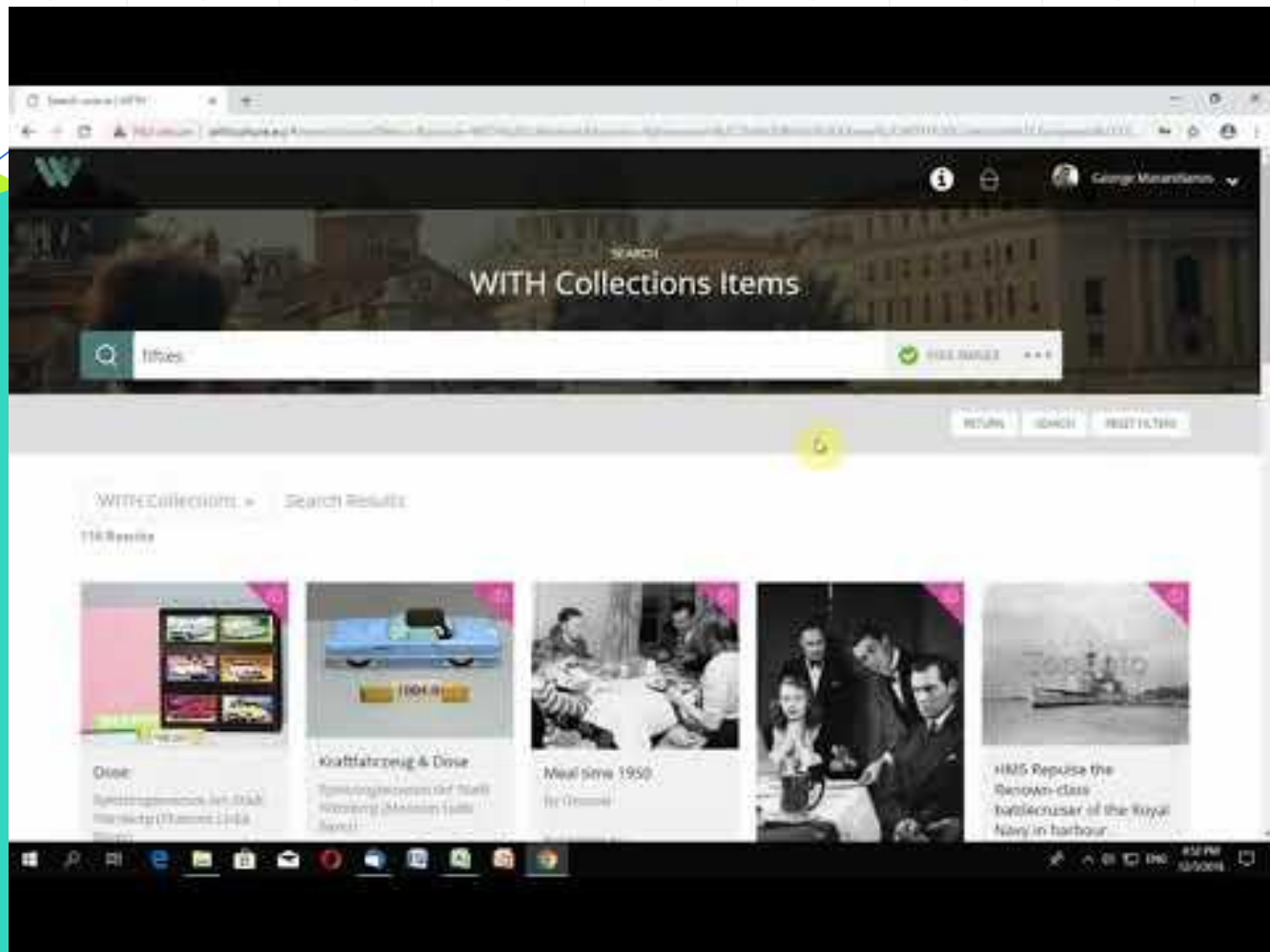- ◉ Compliance with EDM

- ◉ Collaboration & reuse services
- ◉ Aggregate cultural objects
- ◉ Organise cultural resources
- ◉ Create exhibitions
- ◉ Share creations
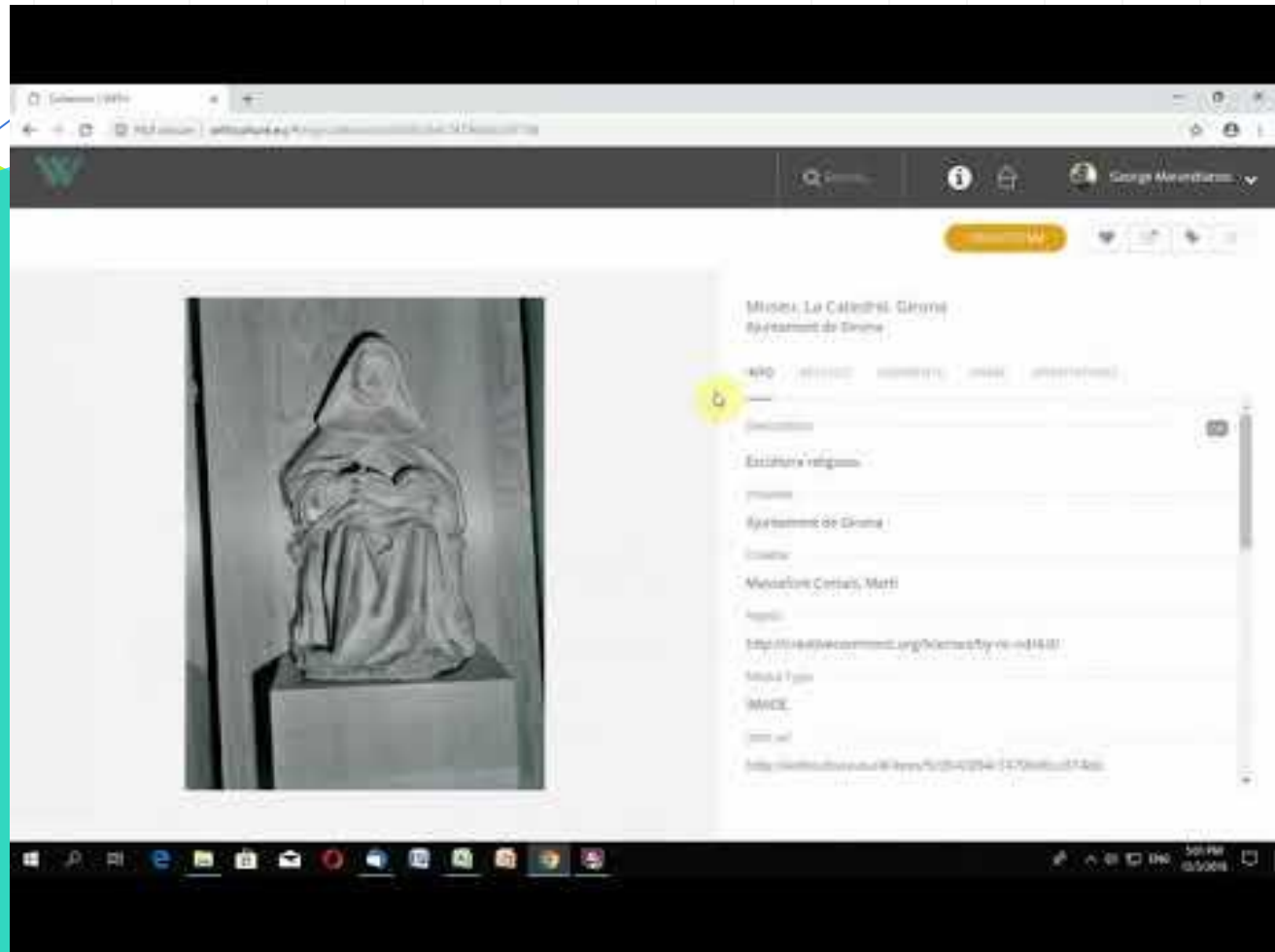- ◉ Tag cultural content

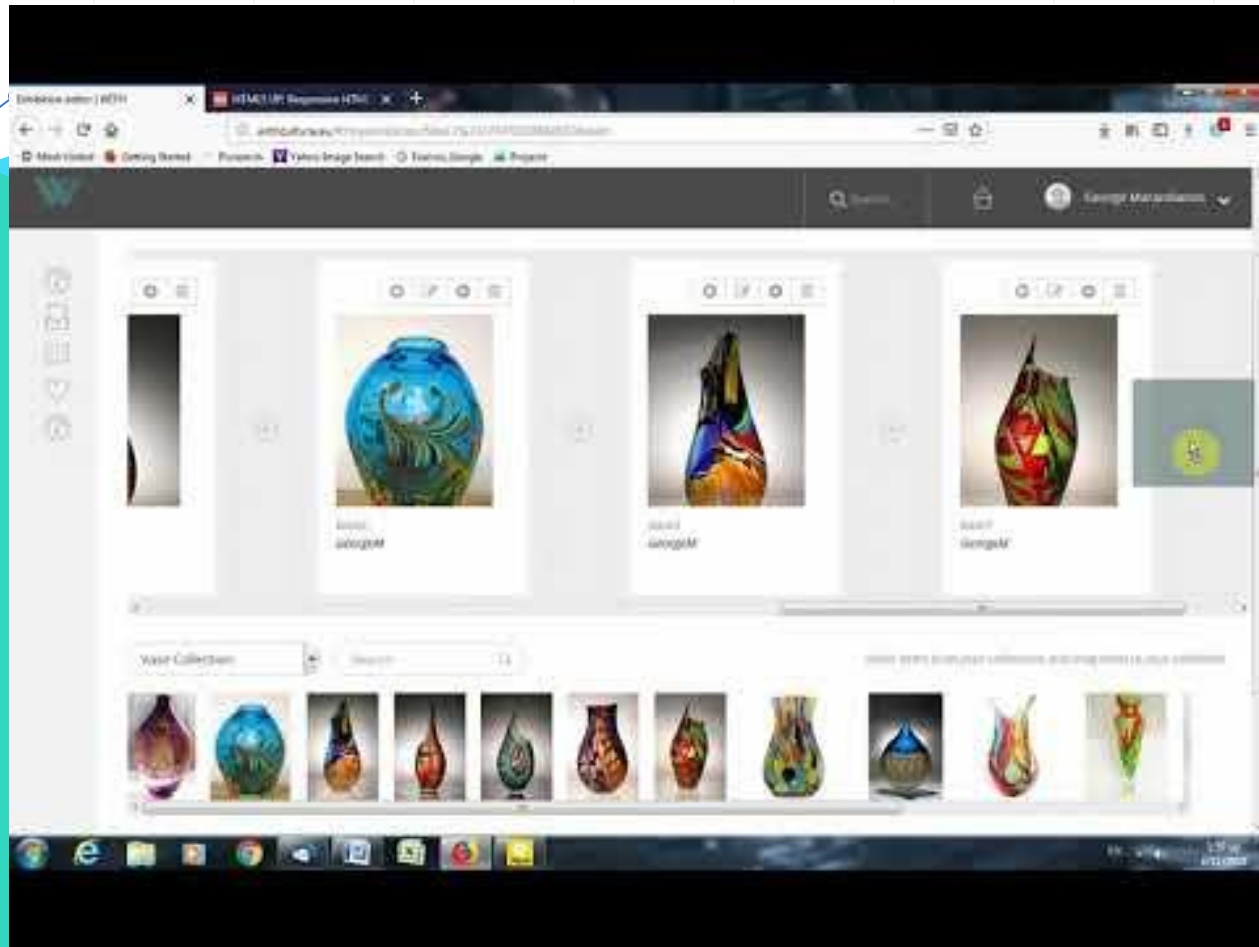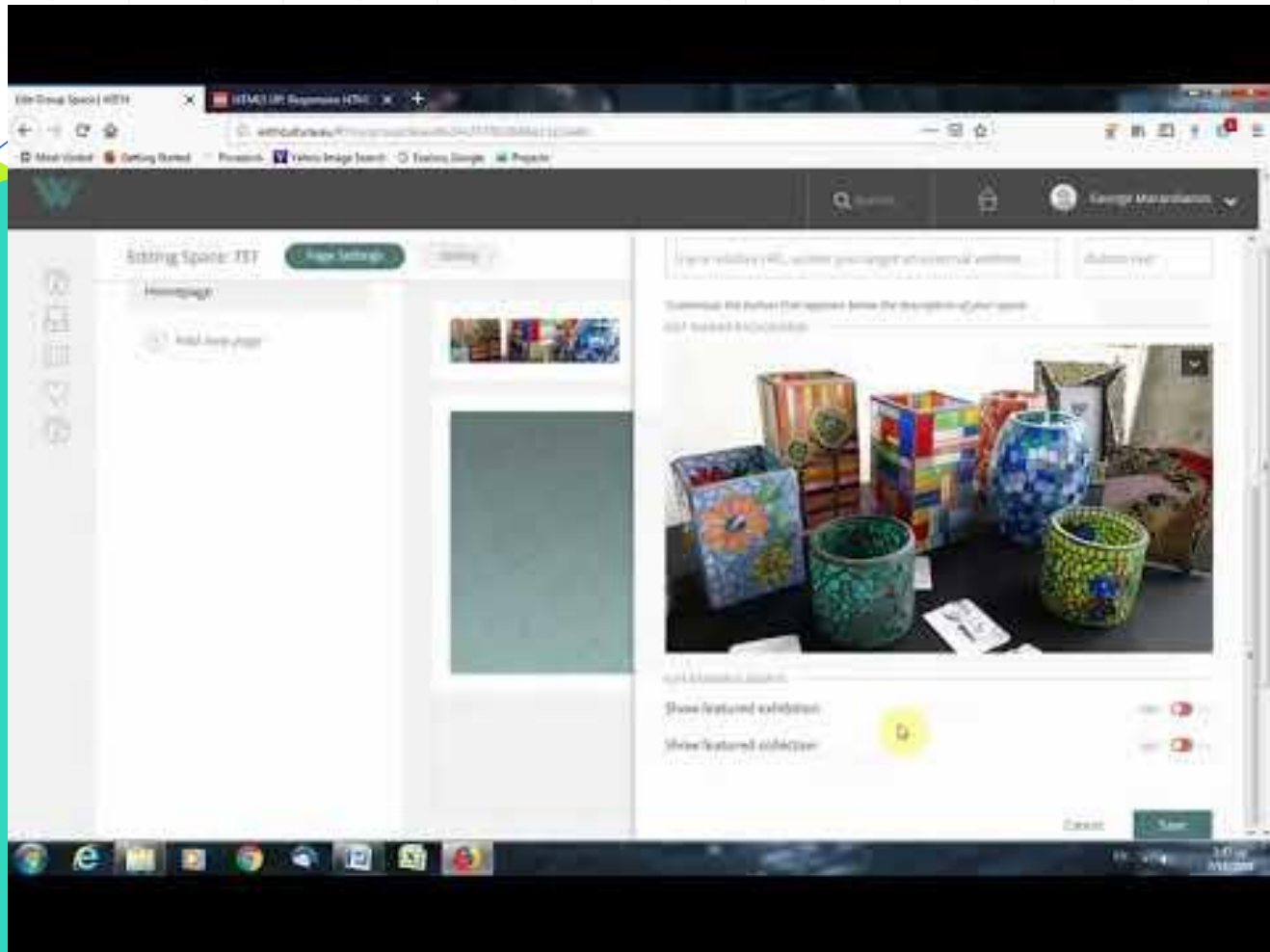# Creating & Editing Collections

WITH search

EUropeana Import

Creating & Editing Exhibitions

Edit & preview space

CrowdHeritage introduction

Crowdsourcing Platform for Enriching Europeana Metadata

Ad-hoc crowdsourcing campaigns

➔ Period when targeted users are encouraged to add and validate specific annotations

Campaign

Duration

Theme

Goal

Annotation types

Annotation process

Content

Annotation

- A note/comment associated with a resource, without modifying the resource itself
- User can add, modify or remove
- Layer on top of the existing resource
- W3C's Web Annotation Model

```
{
"annotators": [
  {
    "generator": "Dictionary Annotator",
    "created": "2017-01-06T12:59:12.387Z"
  }
],
"motivation": "Tagging",
"body": {
  "uri": "http://www.mimo-db.eu/InstrumentsKeywords/3394",
  "label": {
    "en": [
      "Lute"
    ]
  },
  "uriVocabulary": "MIMO"
},
"target": {
  "recordId": "58bd48594c74794c8fb0018e"
}
}
```

Crowdsourcing Web Spaces

Collection presentation

Targeted users will be able to navigate through selected collections of cultural records.

Annotation add

- Semantic tagging
- Image tagging
- Color tagging
- Geotagging
- Suggestion of missing metadata values

Annotation validation

- Upvoting annotations
- Downvoting annotations
- Suggesting corrections

Metadata presentation

Metadata included in annotations will be presented along original metadata on the UI.

Color tagging

Find dominant colors in fashion artifacts!

Semantic tagging

Select terms from linked thesauri

Zak Winnick Live at Studio Z on 2004-04-24

⏸ ●━━━ 7:09 / 8:50 🔊 ●━━━
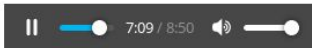
DESCRIPTION
Venue: Studio Z</br>01: Lost in Space

CREATOR
Zak Winnick

MEDIA TYPE
AUDIO

PROVIDER
Netherlands Institute for Sound and Vision

RIGHTS
http://www.europeana.eu/rights/rr-f/

ITEM URL
http://localhost:8080/fashion/instrument#/item/575952134c74796b1d516a61

RECORD SOURCE
Europeana

KEYWORDS
http://data.europeana.eu/concept/soundgenres/Music/Popular_music

IDENTIFIER
zwinnick2004-04-24.shnf

LANGUAGE
Dutch; Flemish

TYPE
sound,etree

SPATIAL
http://sws.geonames.org/6251999/

CREATED
2004-04-24

TAGS

Tag items that you see on the image, you can validate it first by checking on the thesaurus before adding the tag.

Type and hit enter   THESAURUS ↳

mimo : Clarinet	👍 23	6 👎
mimo : Violine	👍 2	0 👎
mimo : Pianola	👍 0	13 👎

NEXT ITEM

Geo tagging

Drop pins to countries or locations in the map that represents the picture

GEOTAGGING

Drop pins to countries or locations in the map that represents the picture.

| Map | Satellite |

Norway   Finland

United Kingdom   Denmark   Belarus

Ireland   Germany   Poland

France   Austria

Spain   Italy   Romania

Google   Map data ©2018 Google, INEGI   Terms of Use

Portugal

Vote submitted geo-tag by other users.

| Amsterdam | 45.87, 23.28 | 👍 23 | 6 👎 |
| Milan | 45.87, 23.28 | 👍 23 | 6 👎 |

Gamification

CAMPAIGN LEADERBOARD

1	Keenan Mcnamara	MOZAMBIQUE	1230 POINTS
2	Robert Downey, Jr.	UNITED STATES	1200 POINTS
3	Maria Garcia	SPAIN	1005 POINTS
4	Mary Smith	UNITED KINGDOM	860 POINTS
5	James Johnson	UNITED KINGDOM	320 POINTS

CHAMPION
THE BADGE
GOLD
EST. 2017

Congratulations, you have unlocked the bronze badge

COLLECTION	ITEMS	TAGS
10	68	251

CAMPAIGN RANKS	OVERALL RANKS
6	70

Contribute more and unlocked new badges. You can find the general statistics regarding clothing palette campaign below.

★ Leaderboards   ★ Scores   ★ Rewards   ★ Achievements   ★ Badges

Metrics

GOAL

Use your talent to tag all the instruments you hear in the music archives of Europeana Sounds!

PROGRESS   CONTRIBUTORS

87% 870/1000   320

END DATE

20/02/2019

CONTRIBUTE TO CAMPAIGN

DAILY CONTRIBUTIONS

★ Progress   ★ Contributor count   ★ Annotation count   ★ Daily contributions   ★ Contributor locations

Template-based Campaign Editor

Web editor for designing and launching crowdsourcing campaigns with customizations:

- Cultural resources
    - → Europeana import
    - → Other external resource import
    - → Direct upload to Platform
- Description of the campaign objectives
    - → Duration
    - → Stakeholders and sponsors
- Presentation features
    - → Color themes
    - → Banners
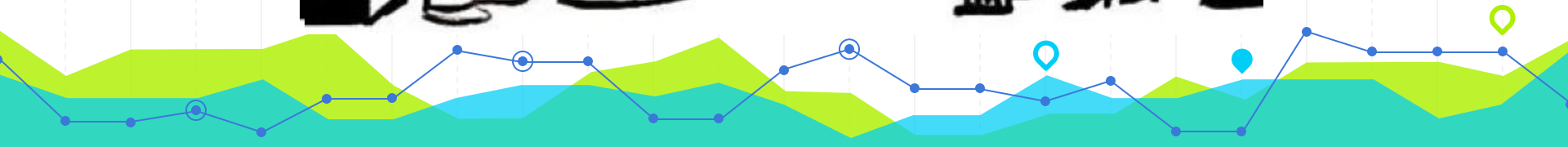   - → Type of annotations and interactions
- leaderboards and prizes

CultureLabs: Recipes for Social Innovation

CultureLabs

Cultural Heritage Institutions

➔ Gain access to and contribute resources related to participatory projects
➔ Organise participatory projects
➔ Engage with communities
➔ Collaborate with other stakeholders

Community - immigrants

➔ Learn about CH maintained by CH institutions
➔ Raise awareness about their own CH and identity
➔ Integration and social inclusion
➔ Gain an active role in society

Civil Society

➔ Methodologies and tools for integrating CH as part of their social services
➔ Collaborate with CHIs
➔ Address disadvantaged communities needs

Public administrations

➔ Establish collaborations with CHIs and civil society organisations
➔ Exploit outcomes a means for inclusion and intercultural understanding
➔ Design innovative policies for social innovation via CH

Role of ICT

ICT for inclusive government and novel experiences with CH

withculture.eu
crowdheritage.eu

Any questions?