

# The European Commission's science and knowledge service

## Joint Research Centre

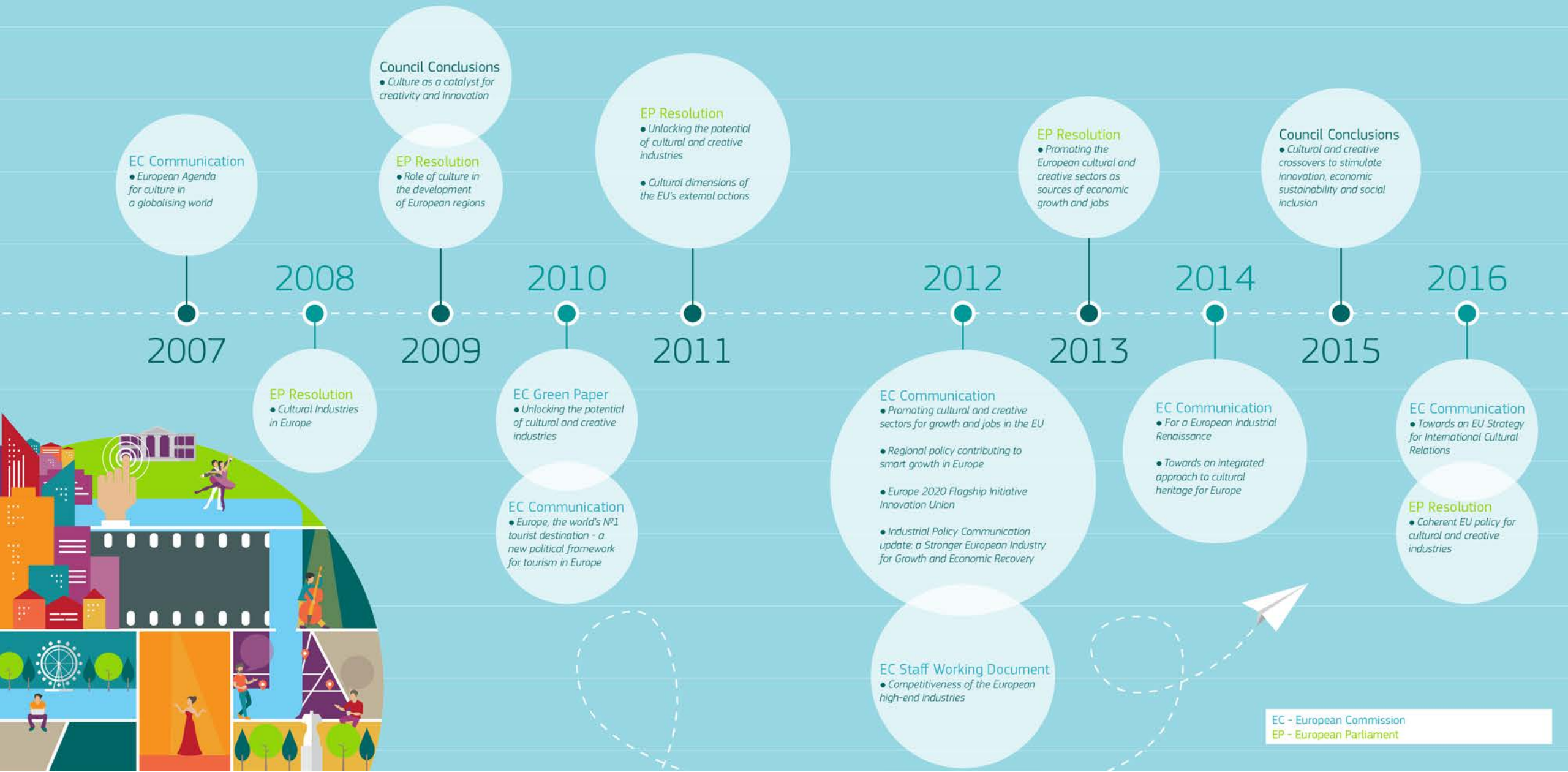


# The Cultural and Creative Cities Monitor

## Cultural gems

 #EUCreativeCities

Valentina Montalto, Carlos Jorge Tacao Moura, Sven Langedijk, Michaela Saisana, Francesco Panella, Valentina Alberti



*"...there is clear scope to **increase cultural participation**  
and bring Europeans together  
to **experience what connects us** instead  
of what divides us"*

(European Commission,  
A New European Agenda for Culture, 2018, p. 1)

# THE CULTURAL AND CREATIVE CITIES MONITOR

2017 edition

“Culture and creativity are vital in driving economic and social development. Our new Monitor will help cities across Europe make the most of this potential.”

Commissioner Tibor Navracsics

@TNavracsicsEU



#EUCreativeCities

Cultural and Creative Cities Monitor online:

<https://composite-indicators.jrc.ec.europa.eu/cultural-creative-cities-monitor>



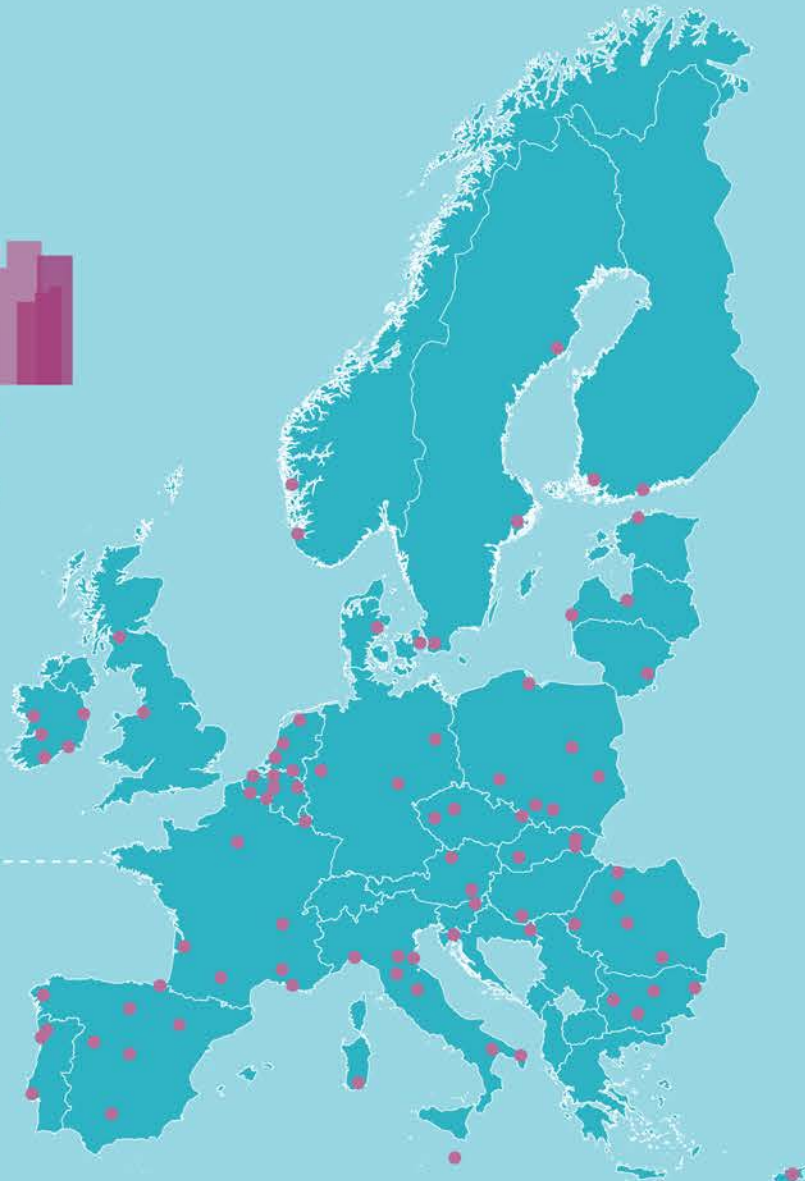
# Cultural and Creative Cities Monitor

168

Cultural and Creative cities

93

● European Capitals of Culture



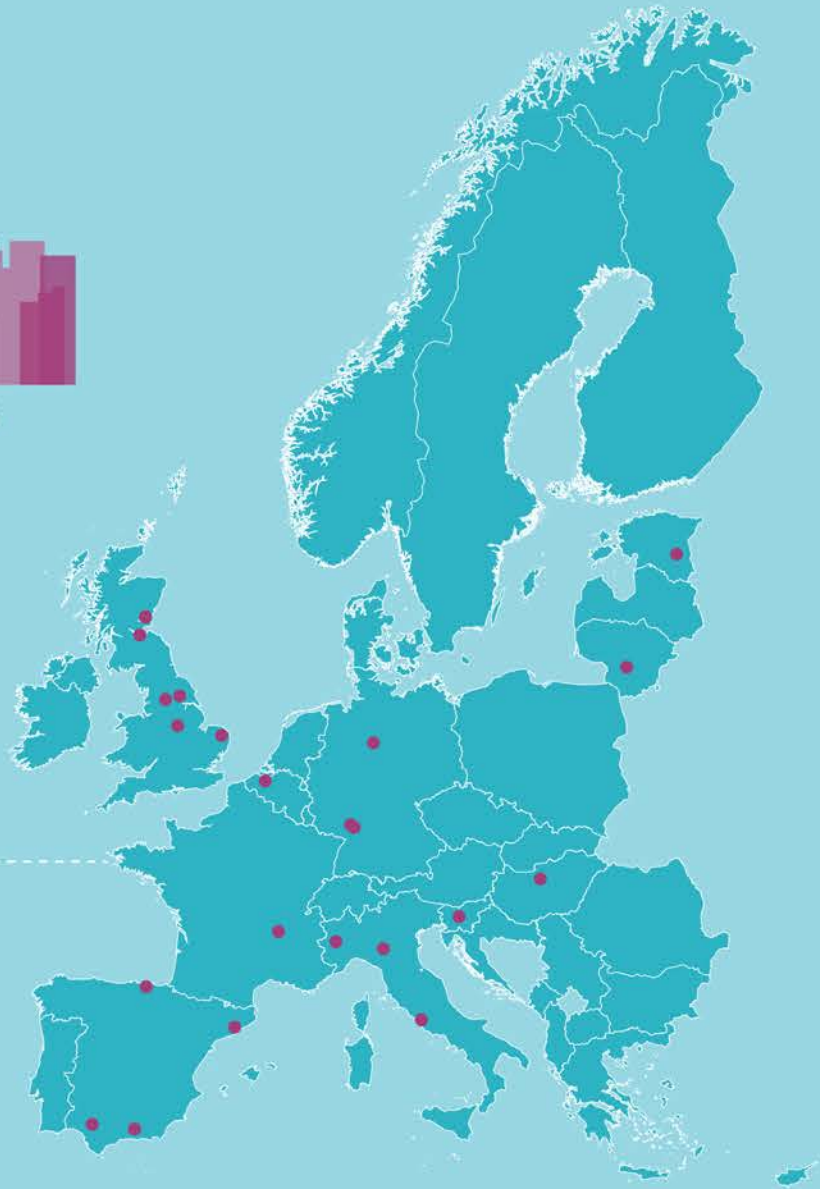
168

Cultural and Creative cities



22

UNESCO Creative Cities





168

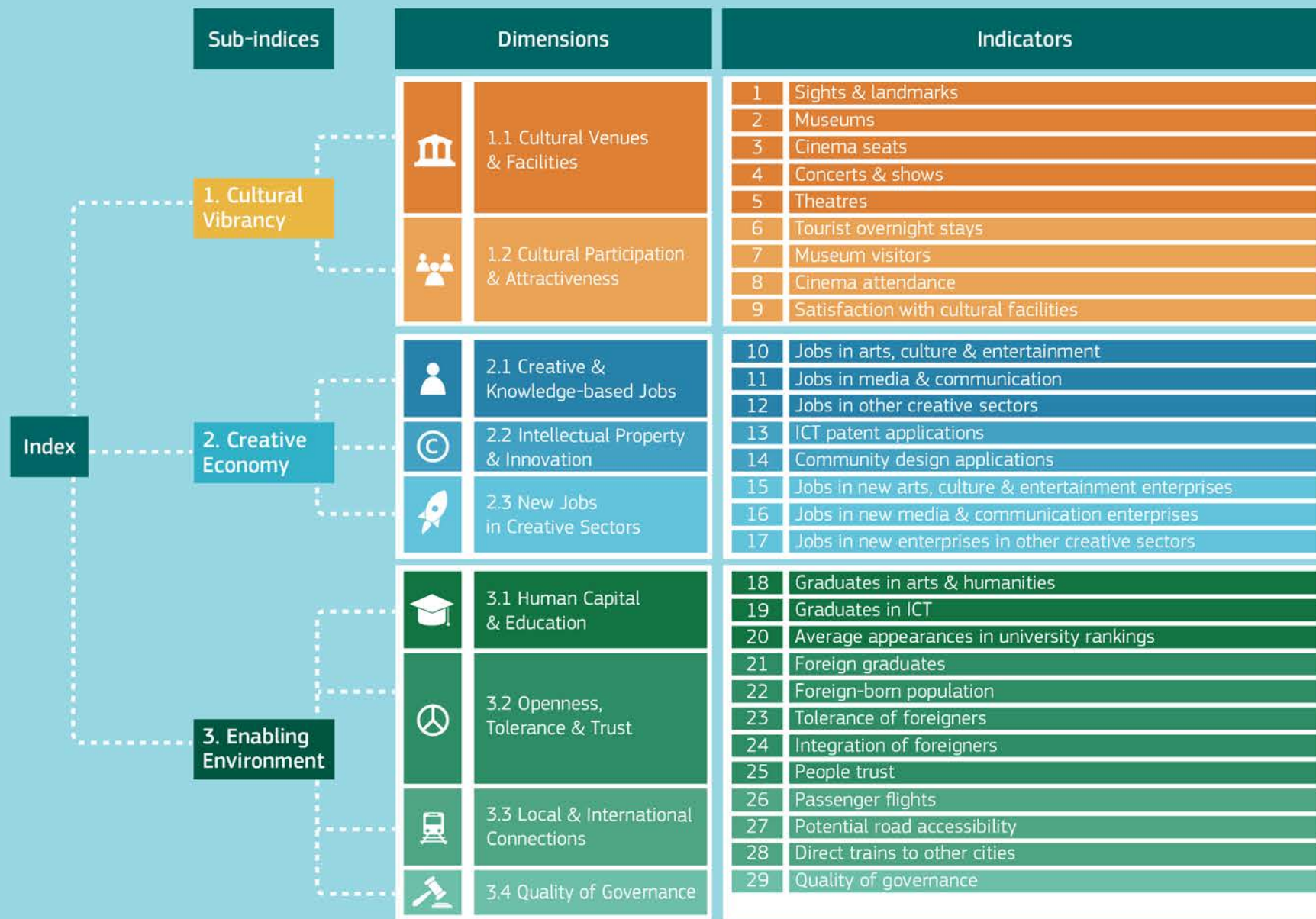
Cultural and Creative cities



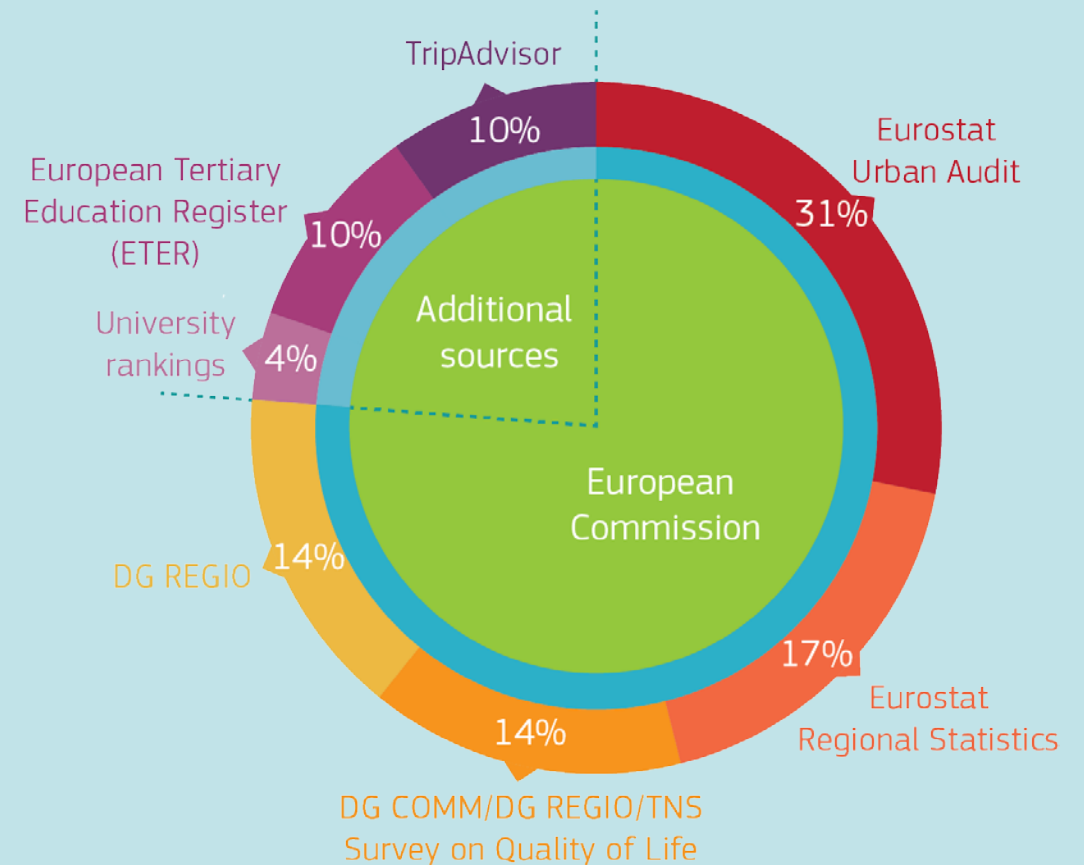
53

● Cities hosting at least two international cultural festivals





Dimensions		Indicators	
 1.1 Cultural Venues & Facilities		1	Sights & landmarks
		2	Museums
3		Cinema seats	
4		Concerts & shows	
5		Theatres	
 1.2 Cultural Participation & Attractiveness		6	Tourist overnight stays
		7	Museum visitors
		8	Cinema attendance
		9	Satisfaction with cultural facilities
 2.1 Creative & Knowledge-based Jobs		10	Jobs in arts, culture & entertainment
		11	Jobs in media & communication
12		Jobs in other creative sectors	
 2.2 Intellectual Property & Innovation		13	ICT patent applications
		14	Community design applications
 2.3 New Jobs in Creative Sectors		15	Jobs in new arts, culture & entertainment enterprises
		16	Jobs in new media & communication enterprises
		17	Jobs in new enterprises in other creative sectors
 3.1 Human Capital & Education		18	Graduates in arts & humanities
		19	Graduates in ICT
		20	Average appearances in university rankings
		21	Foreign graduates
 3.2 Openness, Tolerance & Trust		22	Foreign-born population
		23	Tolerance of foreigners
		24	Integration of foreigners
		25	People trust
		26	Passenger flights
 3.3 Local & International Connections		27	Potential road accessibility
		28	Direct trains to other cities
 3.4 Quality of Governance		29	Quality of governance





# THE CULTURAL AND CREATIVE CITIES MONITOR

A tool to promote mutual exchange and learning between cities to boost culture-led development

European Commission > EU Science Hub > Home

Home About Cities ▾ Countries ▾ Creative Tools ▾ Docs & Data Get Involved

Top Ranking Cities by

Population GDP Employment

XXL		XL	
1 Paris		1 Copenhagen	
2 Munich		2 Amsterdam	
3 Prague		3 Lisbon	
4 Milan		4 Stockholm	
5 Brussels		5 Dublin	

L		M	
1 Edinburgh		1 Eindhoven	
2 Karlsruhe		2 Linz	
3 Utrecht		3 's-Hertogenbosch	
4 Nuremberg		4 Cork	
5 Florence		5 Heidelberg	

S	
1 Galway	
2 Leuven	
3 Weimar	
4 Limerick	
5 Waterford	

XXL: > 1 million inhabitants | XL: between 500,000 and 1 million | L: between 250,000 and 500,000 | M: between 100,000 and 250,000 | S: between 50,000 and 100,000

Sort cities by

Index

Sub-Indices

- 1 Cultural Vibrancy
- 2 Creative Economy
- 3 Enabling Environment

Dimensions

- 1.1 Cultural Venues & Facilities
- 1.2 Cultural Participation & Attractiveness
- 2.1 Creative & Knowledge-based workers
- 2.2 Intellectual Property & Innovations
- 2.3 New Jobs in Creative Sectors
- 3.1 Human Capital & Education
- 3.2 Openness, Tolerance & Trust
- 3.3 Local & International Connections
- 3.4 Quality of Governance



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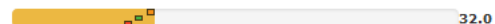
\* Estimated value

■ Population group average

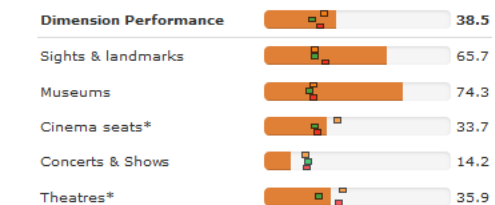
■ GDP group average

■ Employment rate group average

## Cultural Vibrancy



### 1.1 - Cultural Venues & Facilities



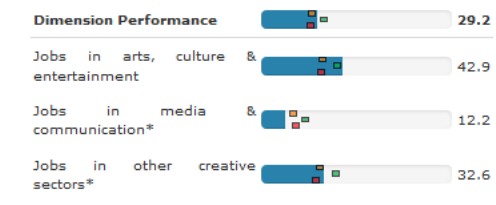
### 1.2 - Cultural Participation & Attractiveness



## Creative Economy



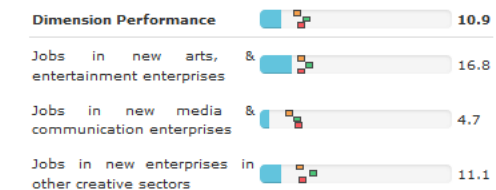
### 2.1 - Creative & Knowledge-based workers



### 2.2 - Intellectual Property & Innovations



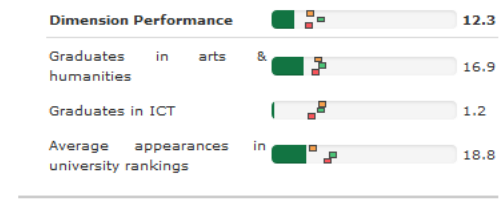
### 2.3 - New Jobs in Creative Sectors



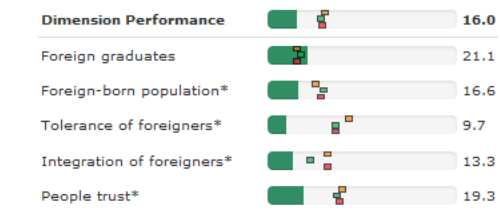
## Enabling Environment



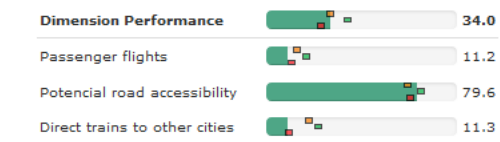
### 3.1 - Human Capital & Education



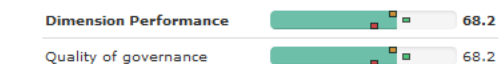
### 3.2 - Openness, Tolerance & Trust



### 3.3 - Local & International Connections



### 3.4 - Quality of Governance





# THE CULTURAL AND CREATIVE CITIES MONITOR

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	Trieste	Graz	Pilsen	Cork	
Index	24.3	31.8 (+7.5)	17.3 (-7)	40.3 (+16)	
<b>CV - Cultural Vibrancy</b>	<b>32</b>	<b>30.3 (-1.7)</b>	<b>18.6 (-13.4)</b>	<b>59.2 (+27.2)</b>	▲
D1 - Cultural Venues & Facilities	38.5	23.7 (-14.8)	28.3 (-10.1)	70.1 (+31.6)	▲
11 - Sights & landmarks	65.7	20.2 (-45.5)	22.7 (-43)	50.1 (-15.6)	
12 - Museums	74.3	14.7 (-59.6)	9.9 (-64.4)	58.3 (-16)	
13 - Cinema seats	33.7	41.5 (+7.8)	31.5 (-2.2)	71.4 (+37.7)	
14 - Concerts & Shows	14.2	23.4 (+9.2)	12.6 (-1.6)	100 (+85.8)	
15 - Theatres	35.9	12.3 (-23.6)	52.9 (+17)	54.8 (+18.9)	
D2 - Cultural Participation & Attractiveness	25.6	37 (+11.4)	8.9 (-16.7)	48.4 (+22.8)	▲
16 - Tourist overnight stays	12.5	12.5	5.4 (-7.1)	34 (+21.5)	
17 - Museum visitors	24.8	14.4 (-10.4)	5.3 (-19.5)	12.4 (-12.4)	
18 - Cinema attendance	30.1	31.6 (+1.5)	6.5 (-23.6)	100 (+69.9)	
19 - Satisfaction with cultural facilities	28.3	77.1 (+48.8)	16.7 (-11.7)	40 (+11.6)	
<b>CE - Creative Economy</b>	<b>18.7</b>	<b>29 (+10.3)</b>	<b>14.3 (-4.4)</b>	<b>20.5 (+1.8)</b>	▲
D3 - Creative & Knowledge-based workers	29.2	28.8 (-0.4)	21.9 (-7.3)	24.3 (-5)	▲
110 - Jobs in arts, culture & entertainment	42.9	63.5 (+20.6)	31.4 (-11.5)	28.8 (-14.1)	
111 - Jobs in media & communication	12.2	23 (+10.8)	10.2 (-2)	21.3 (+9.1)	
112 - Jobs in other creative sectors	32.6	0 (-32.6)	24.1 (-8.5)	22.7 (-9.9)	
D4 - Intellectual Property & Innovations	13.4	45 (+31.6)	3.8 (-9.6)	9.3 (-4.1)	▲
113 - ICT patent applications	8	61.9 (+53.9)	2 (-6)	12 (+4)	
114 - Community design applications	18.8	28.1 (+9.3)	5.6 (-13.2)	6.6 (-12.2)	
D5 - New Jobs in Creative Sectors	10.9	21.3 (+10.4)	12.1 (+1.2)	22.4 (+11.5)	▲
115 - Jobs in new arts, & entertainment enterprises	16.8	18.8 (+2)	22.4 (+5.6)	31.2 (+14.3)	

**Report - 2017**  
2017 report of the Cultural and Creative Cities Monitor.

**Download**

**Executive Summary**  
Graphical overview of the Cultural and Creative Cities Monitor.

**Download**

**Key Findings**  
Graphical overview of the Cultural and Creative Cities Monitor.

**Download**

**Country Fact Sheet**  
Short overview of the performance of selected cities in each country.

Belgium ▾

**Download**

**Annex A**  
Description of the methodology used to create the Cultural and Creative Cities Monitor.

**Download**

**Annex B**  
Statistical assessment of the Cultural and Creative Cities Index.

**Download**

**Annex C**  
Comprehensive set of data compiled for the Cultural and Creative Cities Monitor.

**Download**

Indicator	I1	I2	I3	I4	I5
001C1	0.179	0.181	0.381*	0.467	0.228*
002C1	0.202	0.147	0.4146666	0.234	0.1233333
003C1	0.085	0.183	1*	0.154	0.883*
010C1	0.173	0.23	0.179	0.126	0.714
020C1	0.095	0.165	0.397	0.107	0.237
030C1	0.337	0.282	0.295	0.629	1
080C1	0.274	0.032	0.304	0.1323333	0.412
060C1	0.504	0.83	0.247	0.194	0.483
110C1	0.144	0.282	0.645	0.095	0
090C1	0.201	0.467	0.733	0.063	0.341
050C1	0.095	0.125	0.326	0.245	0.276
070C1	0.102	0.167	0.681	0.207	0.292
017C1	0.223	0.428	0.031	0.098	0.3963333
003C1	0.058	0.138	0.143	0.075	0.073

<https://composite-indicators.jrc.ec.europa.eu/cultural-creative-cities-monitor>

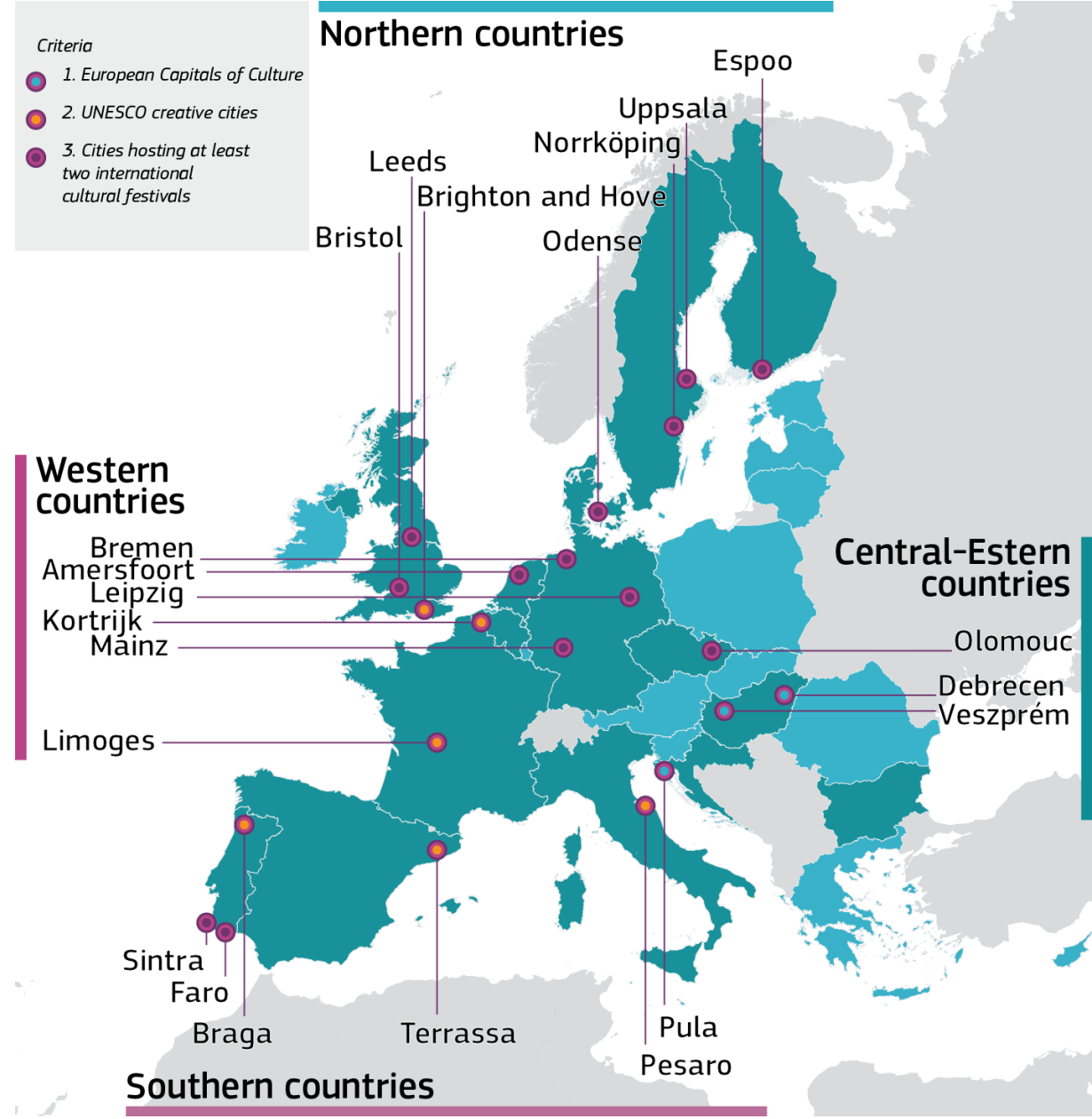
# 2019 Edition



Main novelties 2019

# 22 new cities

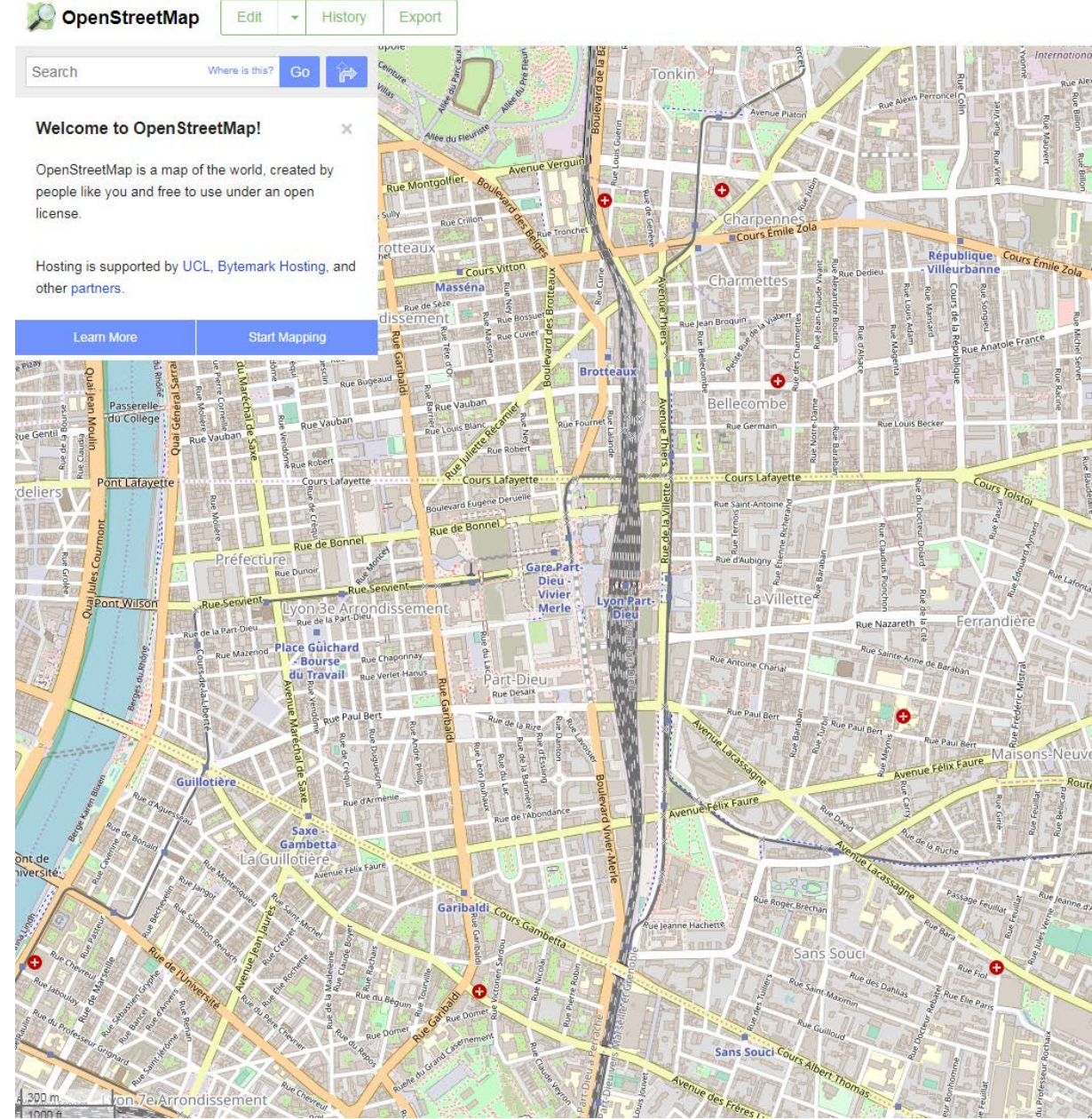
- From **15 Member States** in W, C/E, N and S Europe
- Mostly selected for **cultural festivals**:
  - 14% European Capitals of Culture
  - 32% UNESCO Creative Cities
  - 64% cities hosting at least two international cultural festivals



# Main novelties 2019

## More web data

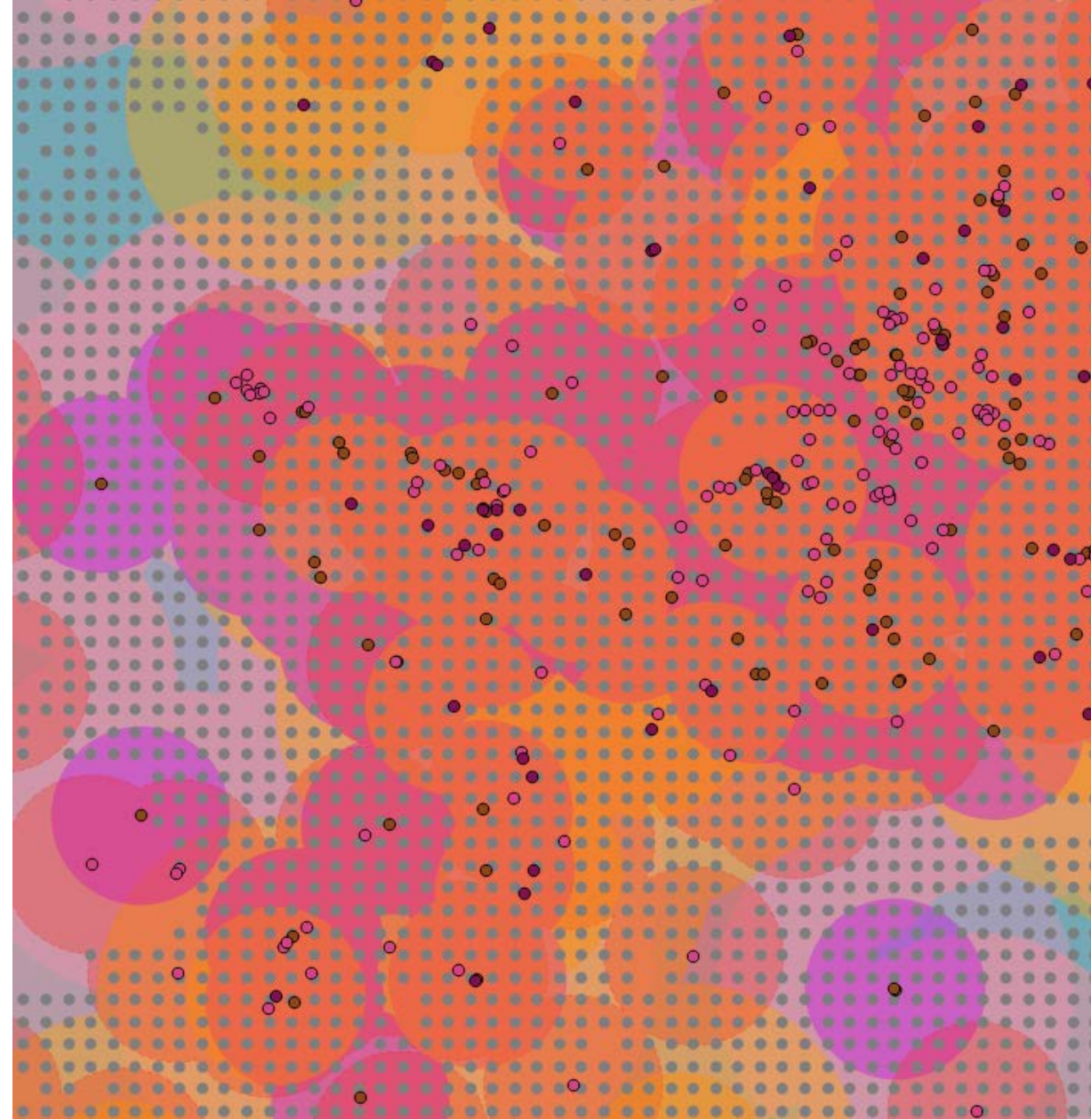
- Data on monuments, museums, theatres and concert halls from
  - **TripAdvisor** (as in 2017)
  - **OpenStreetMap** (*new*)



Main novelties 2019

# *Social inclusion & resilience*

- The **spatial analysis** of cultural venues will contribute to put the **social inclusion** perspective at the core of our research...
- ...alongside the **economic growth/resilience** angle





## How to get involved



# Main novelties 2019

## *City engagement*

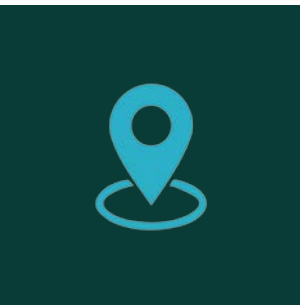
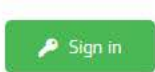
- A **'Get involved' webpage** has been added to CCCM online tool to enable cities to engage in data collection

# Launching in October

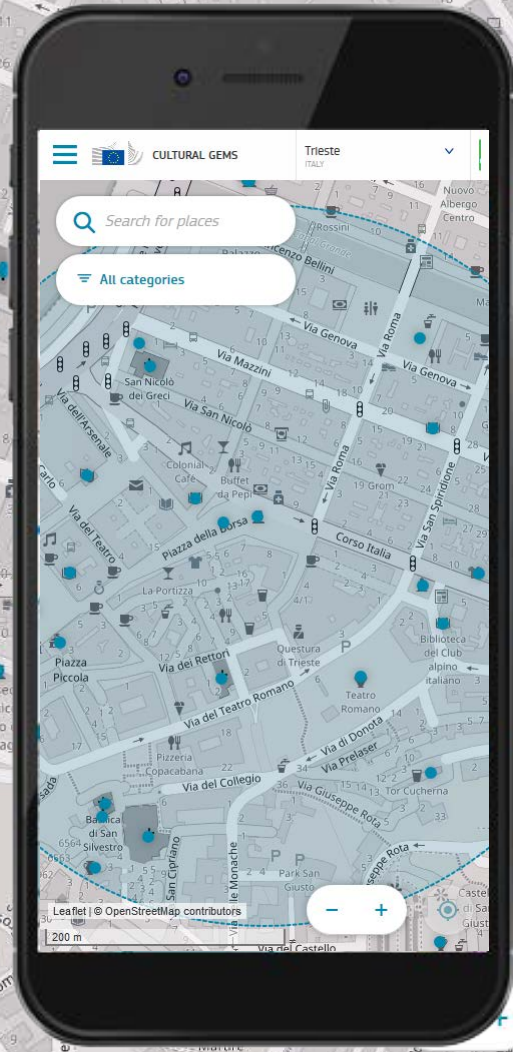
# Cultural gems

a free, open-source web app  
for European cities





All categories



Leaflet | © OpenStreetMap contributors

<https://culturalgems.jrc.ec.europa.eu>

UC.PT

Universidade  
Sofia

Caminho > UC.P

Início

Associação RUA

O Bem | The P

Inventário | In

Edifícios Pri

Outros Edifi

Gestão e Acom

and Monitoring

Documentação

Documents and

Galeria de Imag

Video Gallery

Notícias | Medi

Media Kit

Agenda

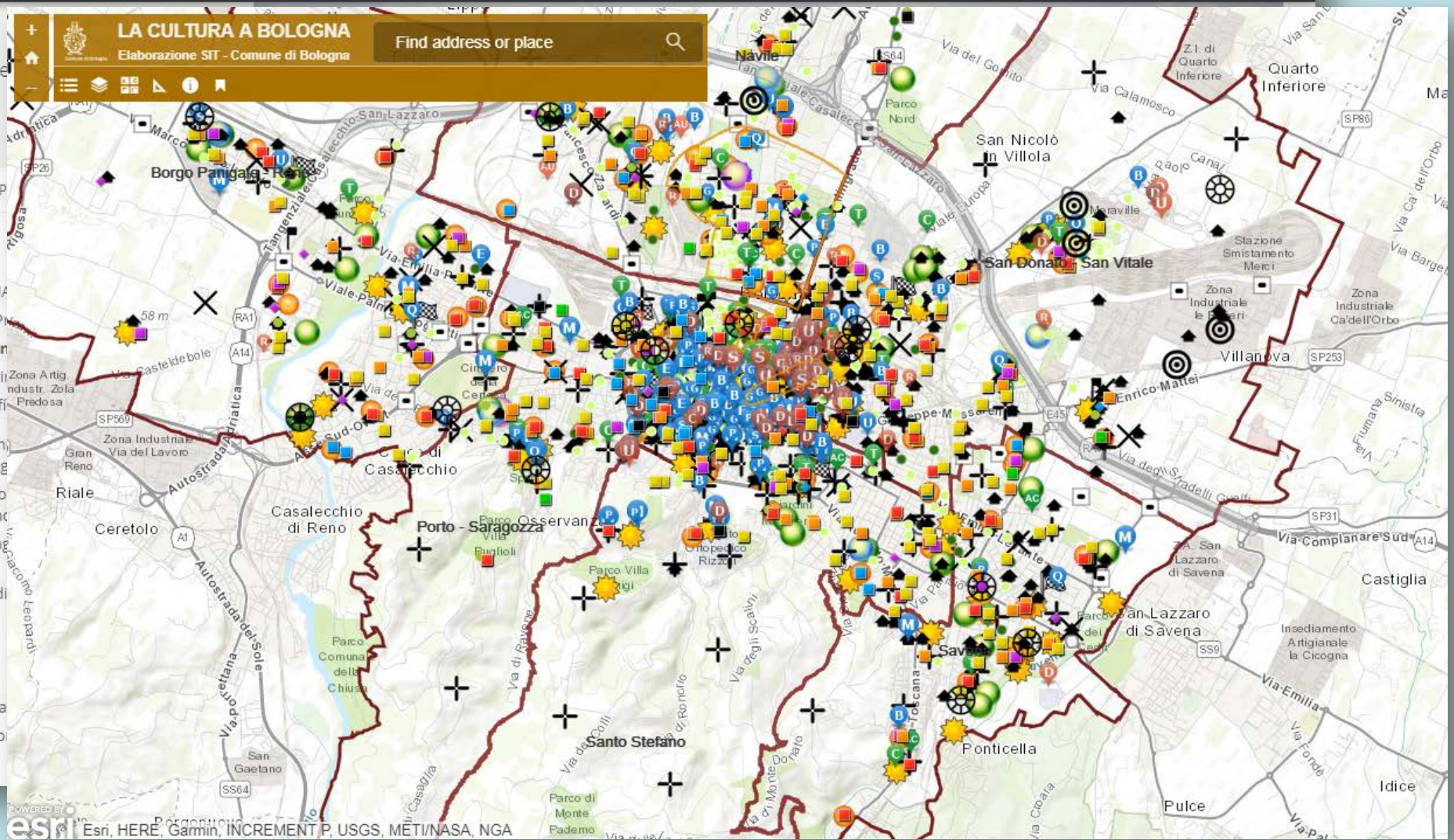
FAQs

Espaço do Cida

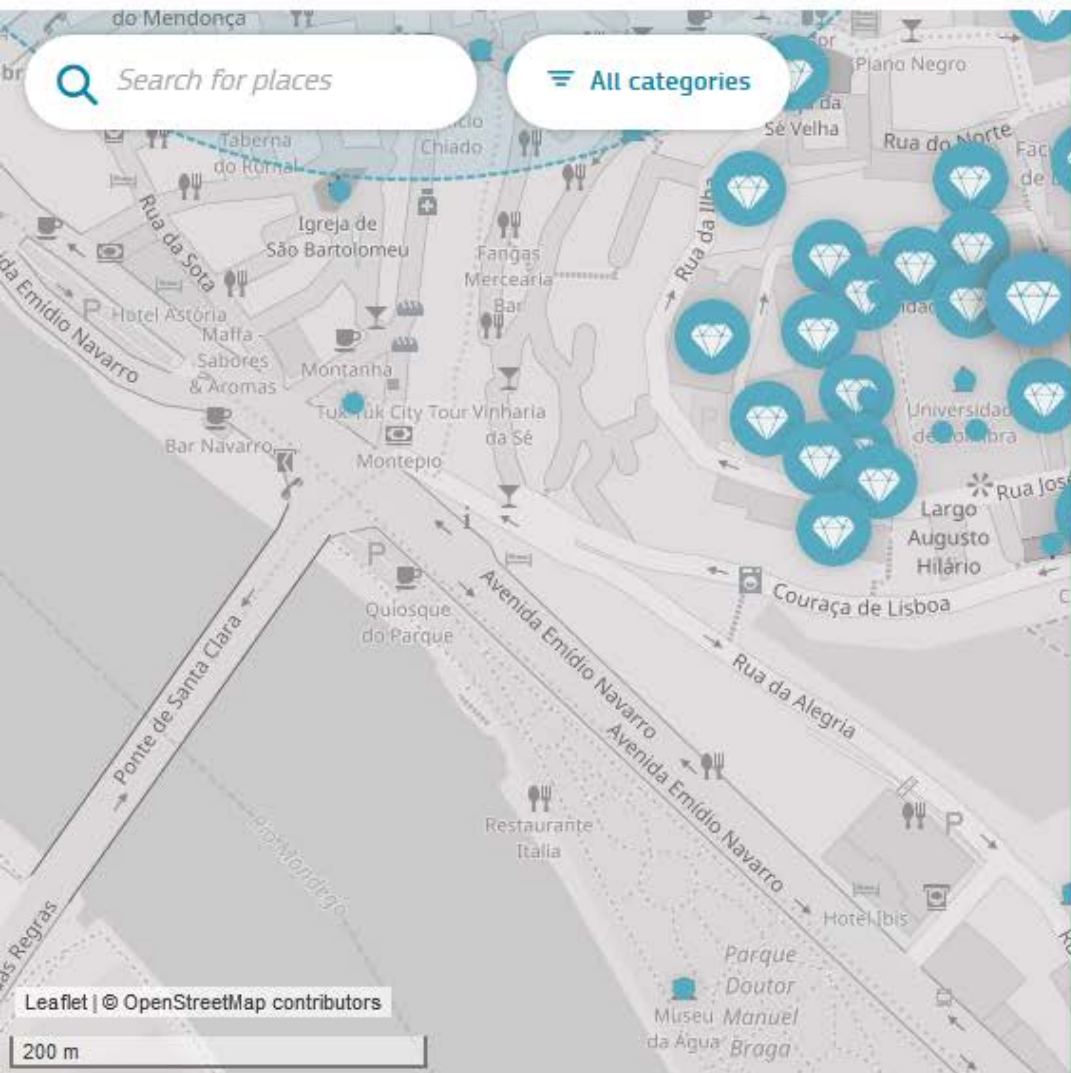
Contactos | Co

**LA CULTURA A BOLOGNA**  
Elaborazione SIT - Comune di Bologna

Find address or place







# Porta Férrea

Historic building

Sign in to propose an update

Entrance of the old Royal Palace to which were added, in 1634, two portals with allegorical sculptures of the ancient Faculties (Medicine, Law, Theology and Canon Law), the founding monarch, King Dinis, the monarch who definitively establishes the Studia Generalia in Coimbra, King João III, and the Sapientia, the institution's insignia.

This building is part of the Property "University of Coimbra – Alta and Sofia" classified as World Heritage by UNESCO on June 22nd, 2013.

Source: Câmara Municipal de Coimbra

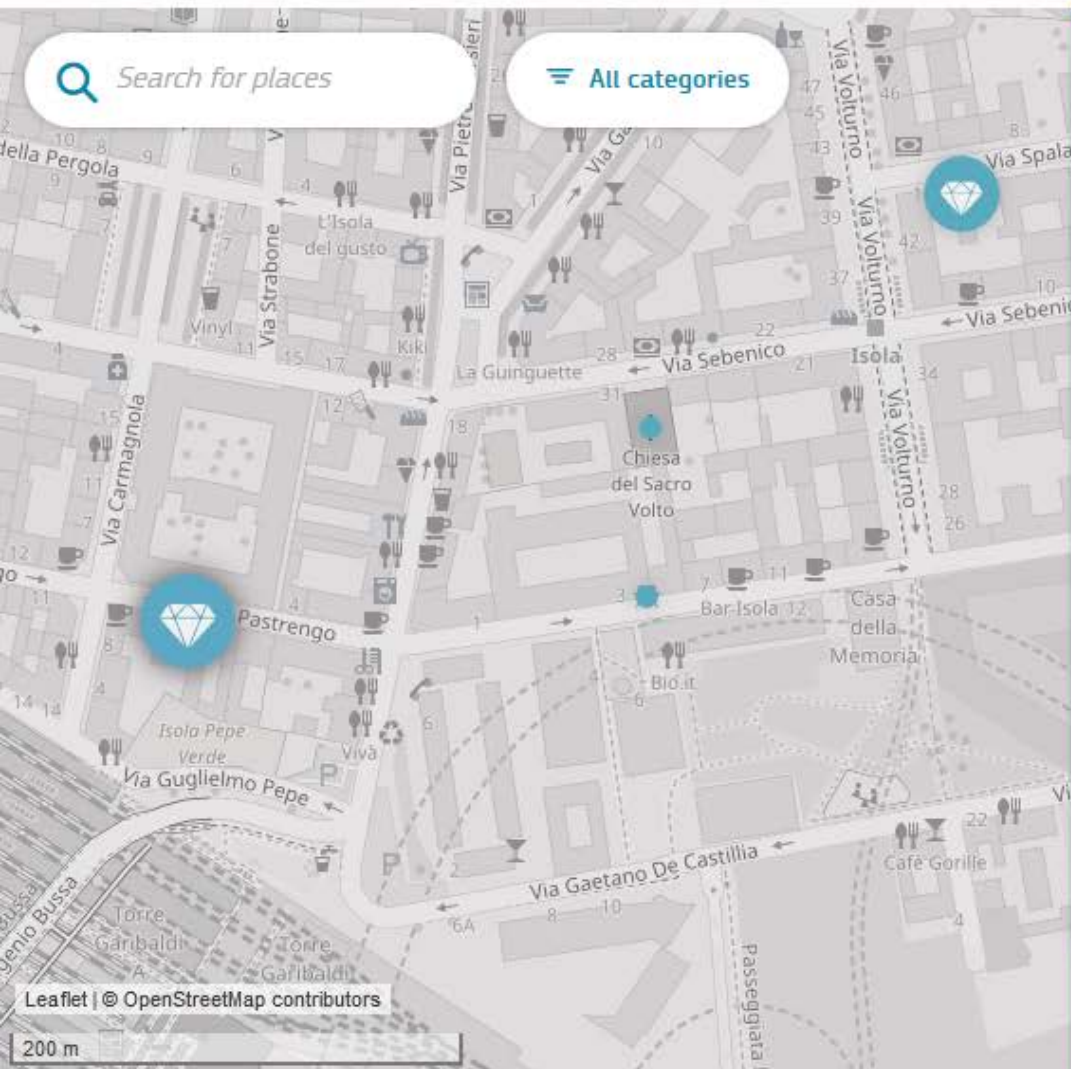
Be the first to review!





Search for places

All categories



# Spazio Gamma



Arts centre

Art gallery

Other independent cultural and creative venues

Sign in to propose an update

Spazio Gamma is an exhibition space for contemporary art and a specialised bookshop with a selection of art, literature and science texts. <https://spaziogamma.net/>

Information provided by DCxT Research Group, Politecnico di Milano

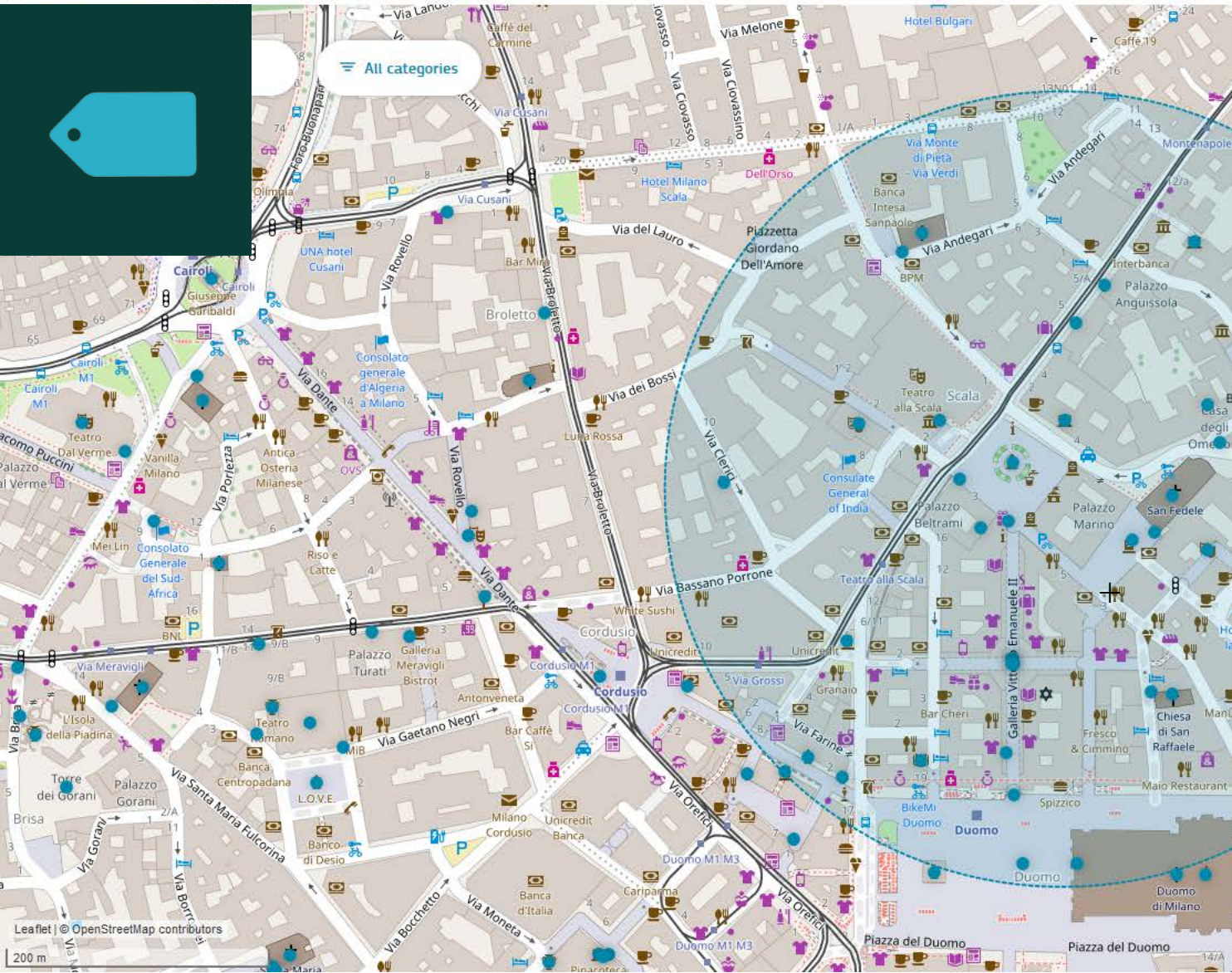
<http://www.comunicazione del territorio.it>

Source: DCxT Research Group, Politecnico di Milano

3.5

2 reviews





# Do you know a hidden creative gem in Milan?

Title \*

Category \*

### Cinemas and theatres

- Cinema
- Theatre
- Planetarium

### Art galleries and museums

- Arts centre
- Art gallery
- Museum

### Artworks

- Street art
- Public artworks

### Creative spaces

- Fab lab
- Marker space
- Other independent cultural and creative venues

### Historic sites

- Aqueducts
- Archaeological sites
- Castles

# Data sources

OpenStreetMap

Local administrations

Public and private organisations

Citizens

# Cultural gems in numbers



168 cities, in line with the Cultural and Creative Cities Monitor



Any city can be added



20 Cities and regions are already taking part



How to take part?



Just sign in and **START MAPPING!**  
at <https://culturalgems.jrc.ec.europa.eu>



# Thank you!

**COIN on EU Science Hub**

<https://ec.europa.eu/jrc/en/coin>

**COIN tools are available on:**

<https://composite-indicators.jrc.ec.europa.eu/>

The European Commission's Competence Centre  
on Composite Indicators and Scoreboards

