The European Commission's science and knowledge service

Joint Research Centre

European Commission

The Cultural and Creative Cities Monitor
2019 Edition

#EUCreativeCities

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Seminario Cultura y Territorio
30th January 2020
Huesca

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© oneinchpunch - Composition with different ethnicity people from all over the world

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The Cultural and Creative Cities Monitor

2019 Edition

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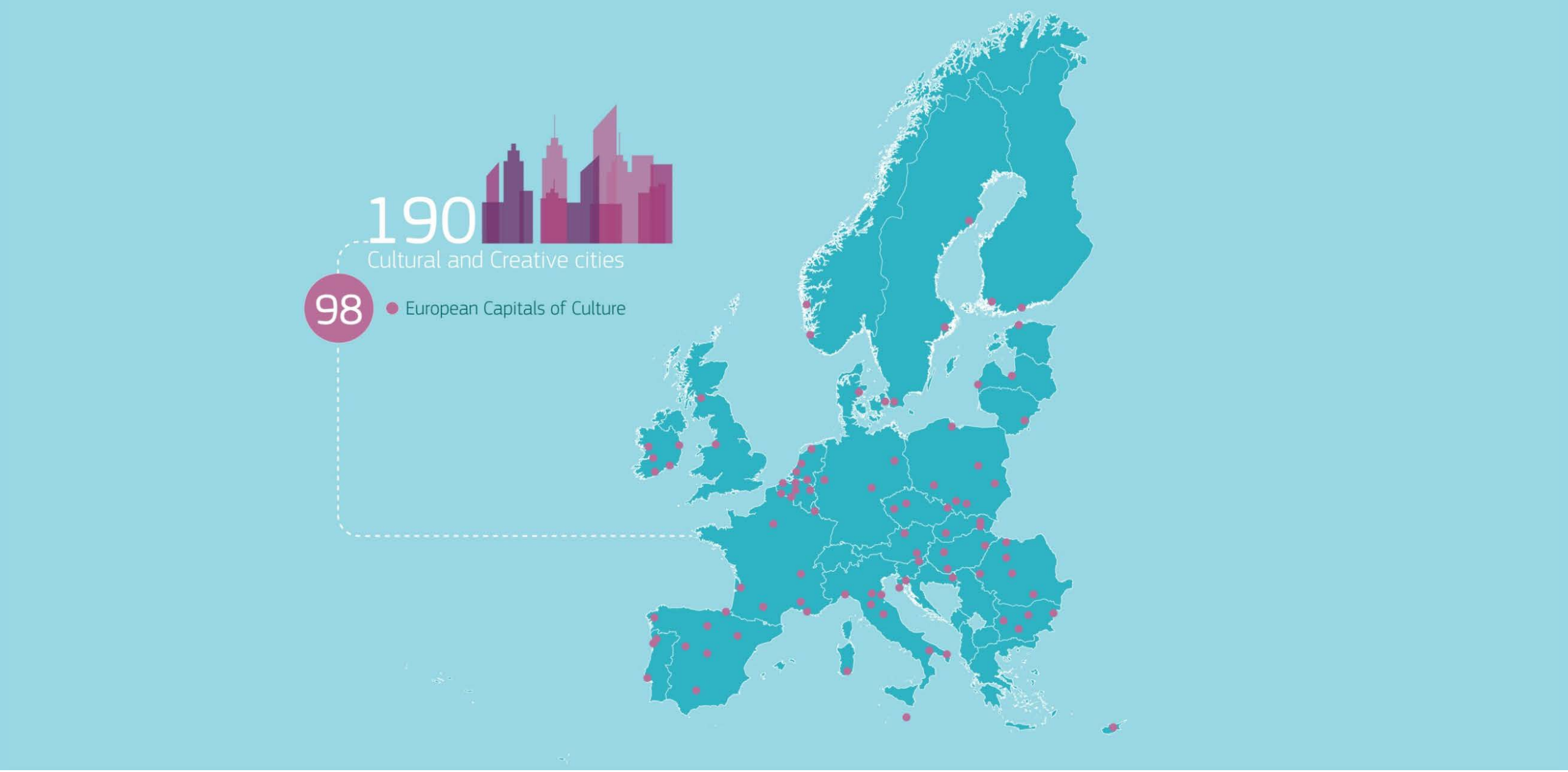

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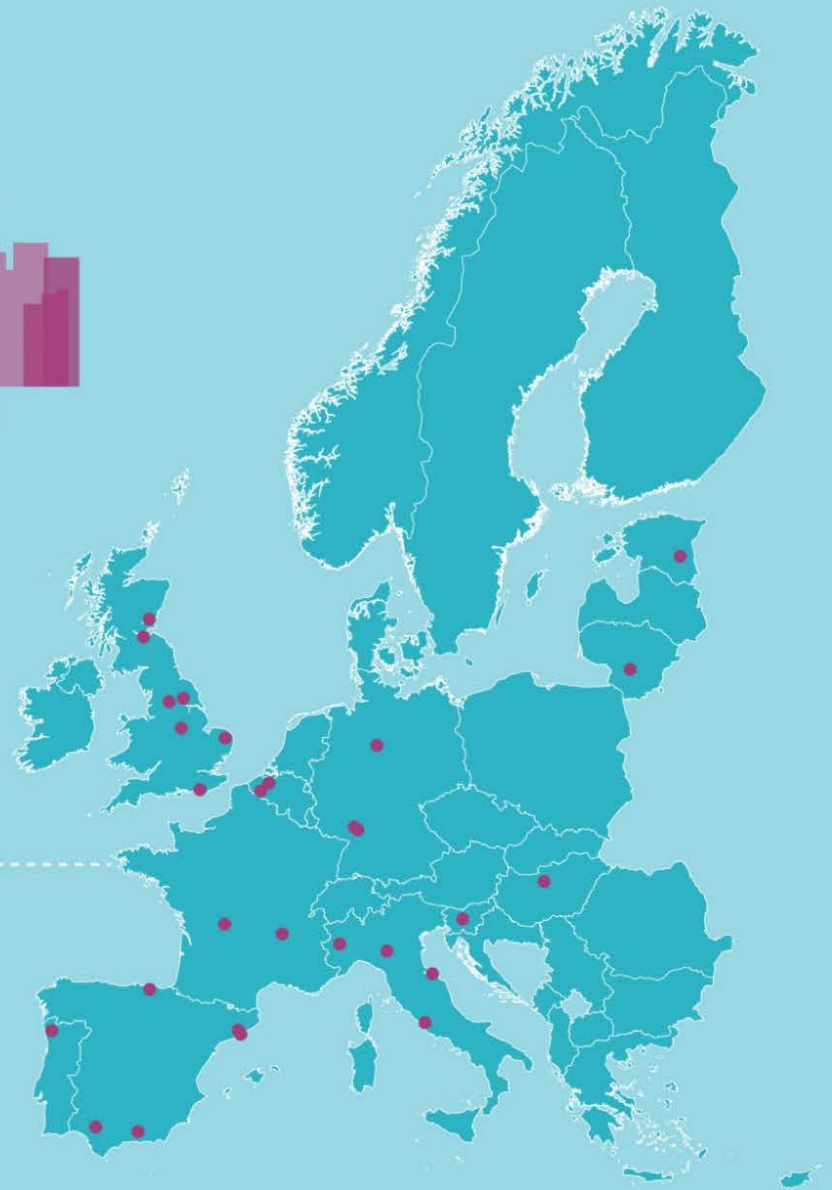
190
Cultural and Creative cities

33 UNESCO Creative Cities



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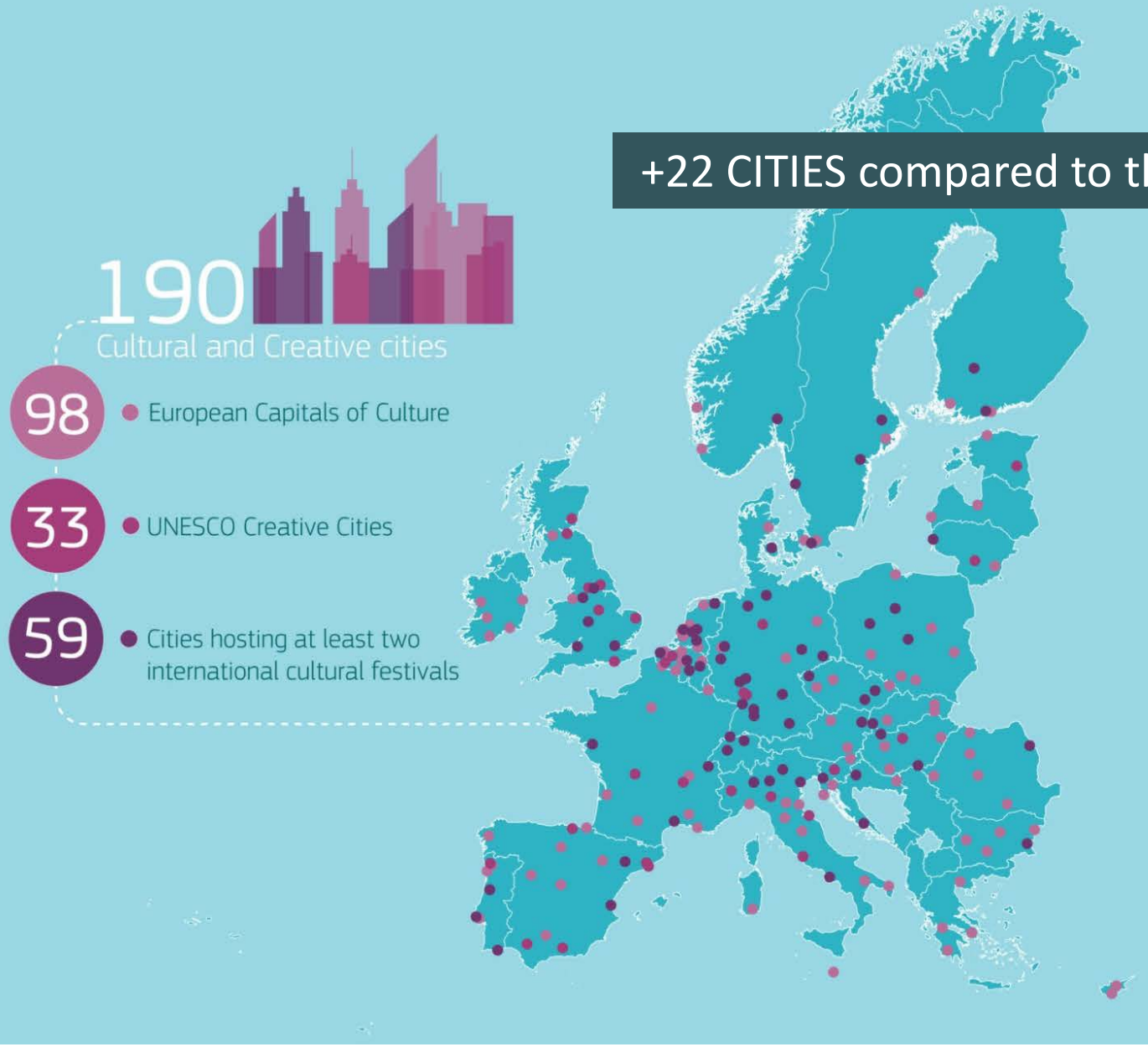
+22 CITIES compared to the 2017 edition



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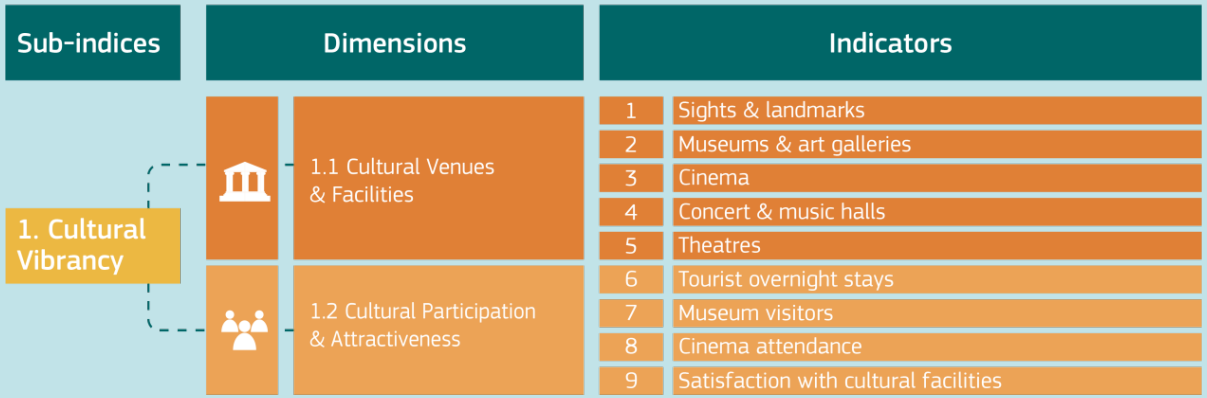
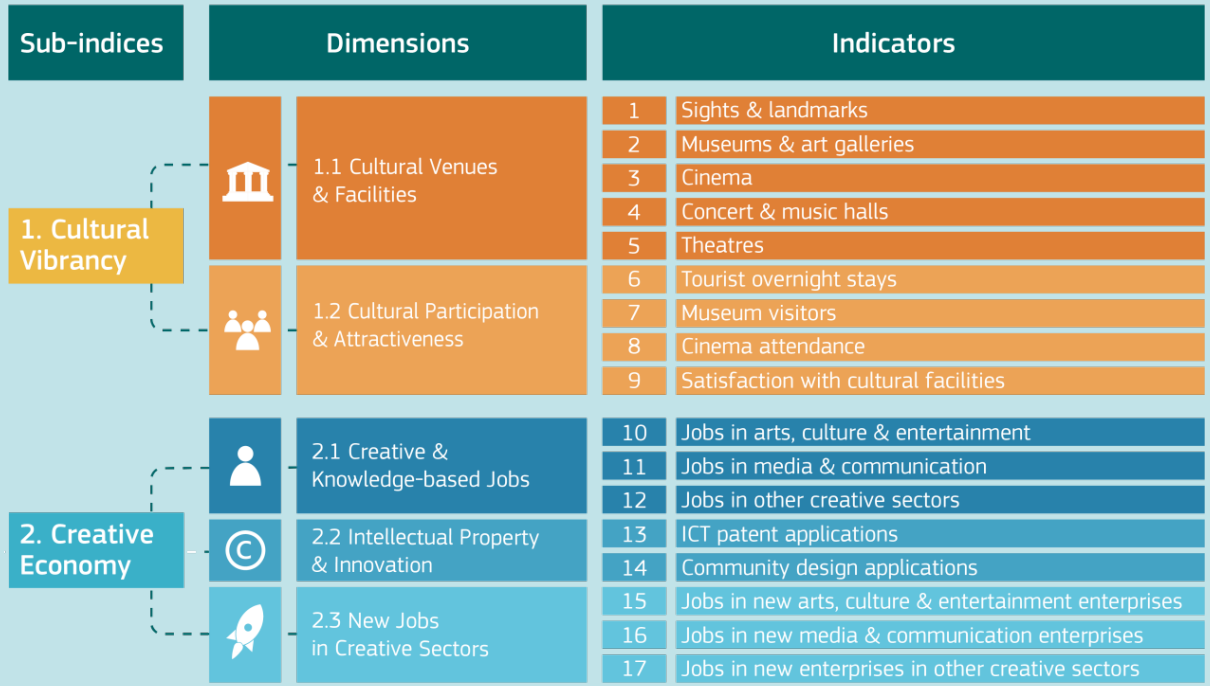

Sub-indices
Dimensions
Indicators
1. Cultural Vibrancy
1.1 Cultural Venues & Facilities
1.2 Cultural Participation & Attractiveness
1 Sights & landmarks
2 Museums & art galleries
3 Cinema
4 Concert & music halls
5 Theatres
6 Tourist overnight stays
7 Museum visitors
8 Cinema attendance
9 Satisfaction with cultural facilities



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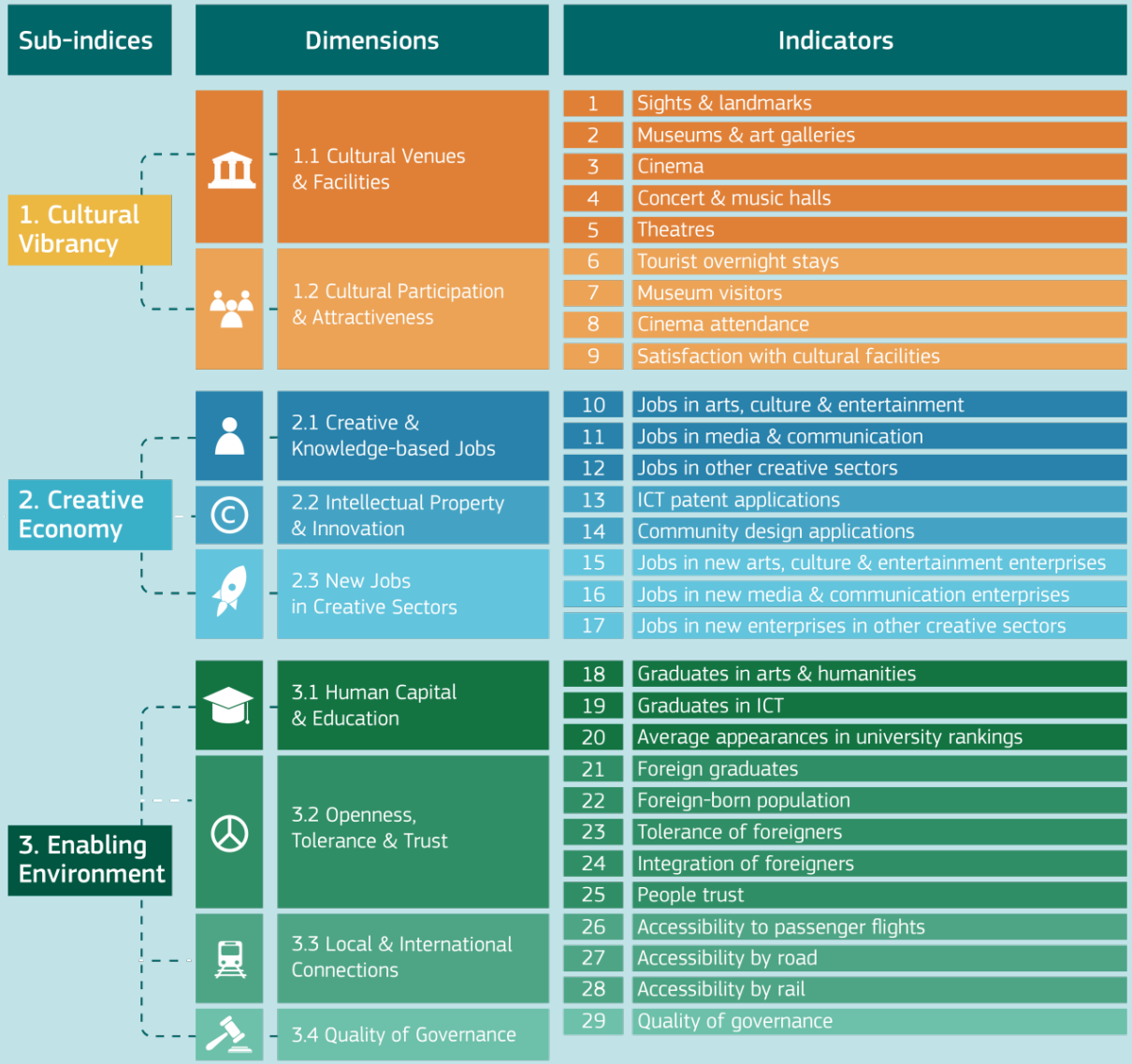

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190 cities

NEW

OpenStreetMap 7 %

TripAdvisor 10 %

European Tertiary Education Register (ETER) 10 %

University rankings 3 %

DG REGIO 14 %

DG COMM/DG REGIO/TNS Survey on Quality of Life 14 %

Eurostat Regional Statistics 17 %

Eurostat Urban Audit 24 %

Additional sources

European Commission

European Commission

BEST

XXL

Paris-FR

20 cities

XL

Copenhagen-DK

L

Florence-IT

40 cities

40 cities

S-M

Lund-SE

79 cities

+12%

per year on average
in best performing cities

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In **42 %** of the European cities analysed more than 50 % of the inhabitants live less than 2km away from the closest cultural venue

More than **70 %** of cultural venues are easily accessible by public transport

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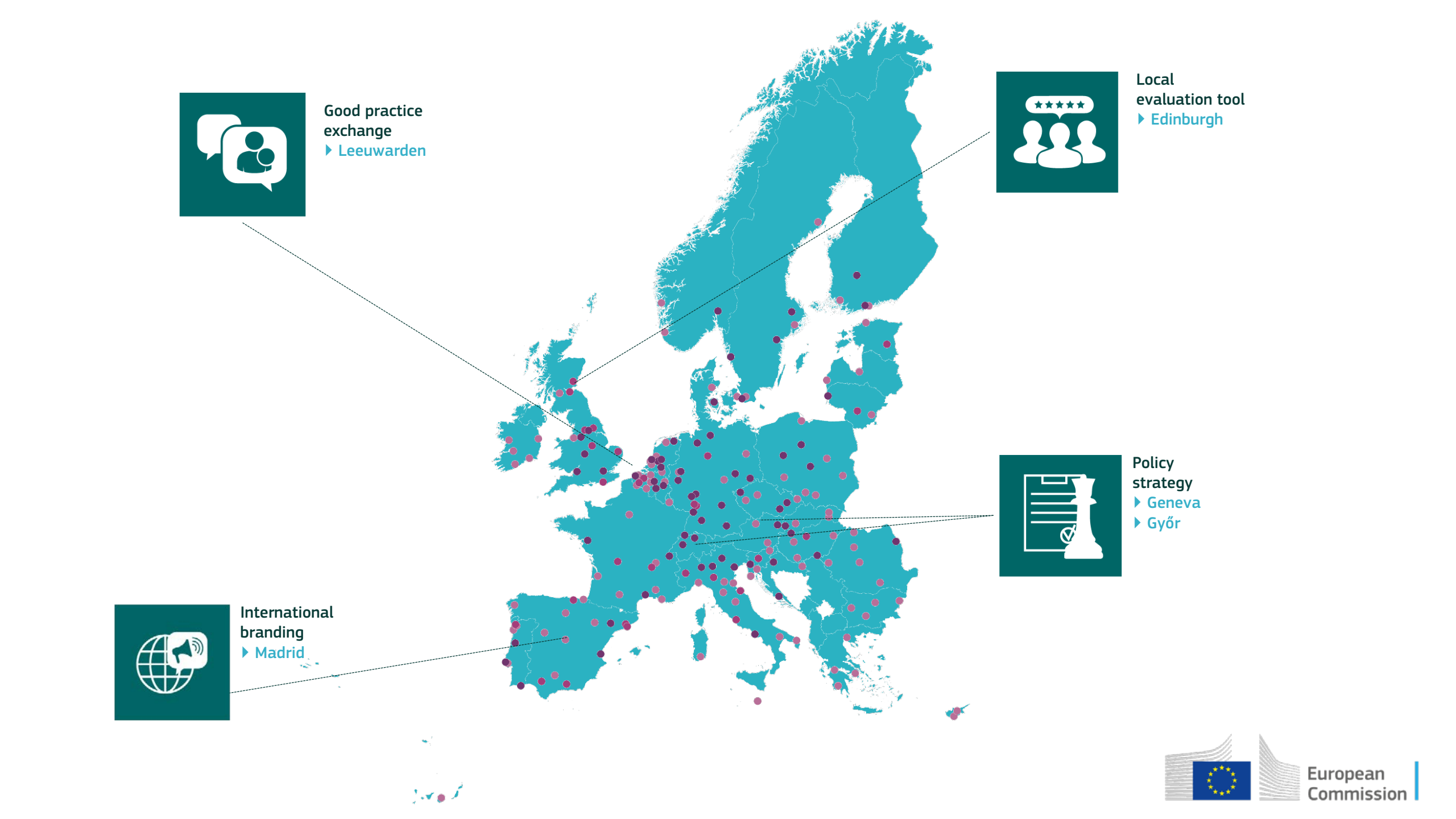

Good practice exchange
Leeuwarden
Local evaluation tool
Edinburgh
Policy strategy
Geneva
Győr
International branding
Madrid
European Commission

EUROPEAN
COMMISSION

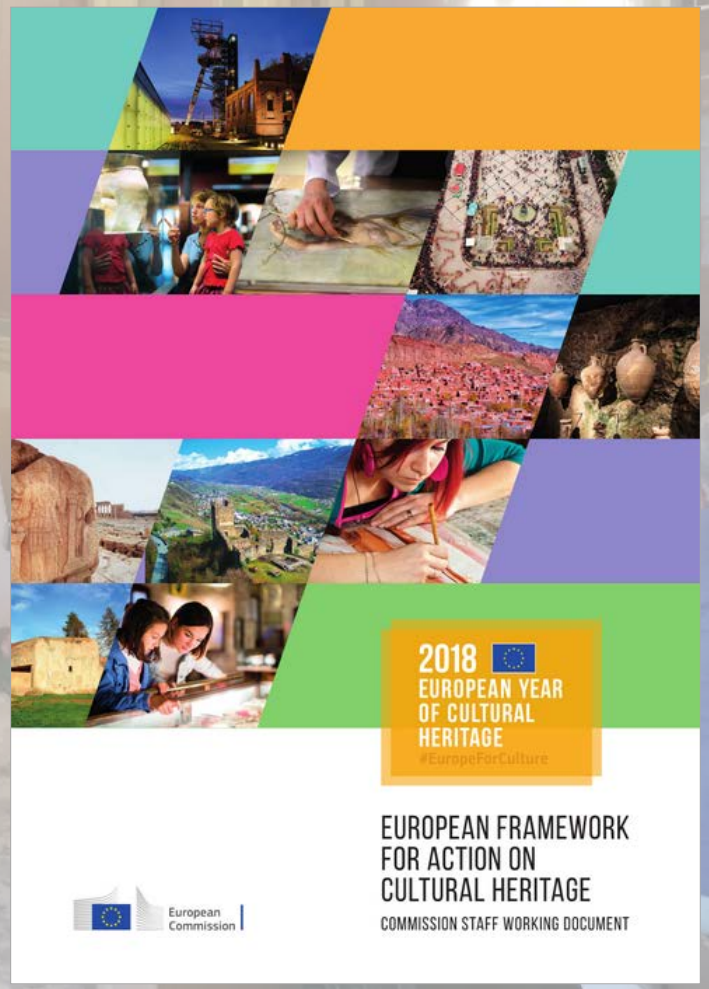
Brussels, 22.5.2018
COM(2018) 267 final

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE EUROPEAN COUNCIL, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

A New European Agenda for Culture

{SWD(2018) 167 final}

EN **EN**



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European Commission | Cultural and Creative Cities Monitor

PERFORMANCE MAP | COUNTRIES & CITIES | ADD YOUR CITY | GET INVOLVED | DOCS & DATA

How cultural and creative is your city?

A tool to assess and benchmark European cities vis-à-vis their peers, using both **quantitative** and **qualitative** data.

Get started

SPAIN

15 cultural and creative cities

1 NEW city as compared to the 2017 edition of the Monitor

Inner circles

- New city

Selection criteria:

- European Capital of Culture
- UNESCO creative city
- International cultural festivals

Outer circles

Annual gross domestic product per capita:

- **Group 1** > € 45 000
- **Group 2** € 35 000 – € 45 000
- **Group 3** € 27 000 – € 35 000
- **Group 4** € 19 000 – € 27 000
- **Group 5** ≤ € 19 000

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City profiles

Country profiles

Docs & data

Create your own Monitor

Add your own city

Policy scenario builder

Provide data

''Did you know that...?''

Cultural gems

European Commission

Cultural gems

a free, open-source web app
for European cities

European Commission

Thank you!

Cultural and Creative Cities Monitor
JRC-COIN-CULTURALCITIESMONITOR@ec.europa.eu

COIN on EU Science Hub
https://ec.europa.eu/jrc/en/coin

COIN tools are available on:
https://composite-indicators.jrc.ec.europa.eu/

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Annexes

European Commission

AT	Graz
AT	Linz
BE	Antwerp
BE	Bruges
BE	Brussels
BE	Mons
BG	Plovdiv
BG	Sofia
BG	Varna
BG	Veliko Tarnovo
CY	Nicosia
CZ	Ostrava
CZ	Pilsen
CZ	Prague
DE	Berlin
DE	Essen
DE	Weimar
DK	Aarhus
DK	Copenhagen
EE	Tallinn
EL	Athens
EL	Kalamata
EL	Patras
EL	Thessaloniki
ES	Burgos
ES	Cordova
ES	Las Palmas
ES	Madrid
ES	Salamanca
ES	San Sebastián-Donostia

ES	Santiago
ES	Zaragoza
FI	Helsinki
FI	Turku
FR	Avignon
FR	Bordeaux
FR	Lille
FR	Lyon
FR	Marseille
FR	Paris
FR	Toulouse
HR	Osijek
HR	Pula
HR	Rijeka
HU	Debrecen
HU	Győr
HU	Pécs
HU	Veszprém
IE	Cork
IE	Dublin
IE	Galway
IE	Limerick
IE	Waterford
IT	Bologna
IT	Cagliari
IT	Florence
IT	Genoa
IT	Lecce
IT	Matera
IT	Perugia

IT	Ravenna
LT	Kaunas
LT	Klaipeda
LT	Vilnius
LU	Luxembourg
LV	Liepāja
LV	Riga
MT	Valletta
NL	Amsterdam
NL	Eindhoven
NL	Leeuwarden
NL	Maastricht
NL	Rotterdam
NO	Bergen
NO	Stavanger
PL	Gdańsk
PL	Katowice
PL	Kraków
PL	Lublin
PL	Warsaw
PL	Wrocław
PT	Guimarães
PT	Lisbon
PT	Porto
RO	Baia Mare
RO	Bucharest
RO	Cluj-Napoca
RO	Sibiu
RO	Timişoara
SE	Lund

SE	Stockholm
SE	Umeå
SI	Maribor
SK	Košice
SK	Nitra
SK	Prešov
UK	Glasgow
UK	Liverpool
BE	Ghent
BE	Kortrijk
CZ	Brno
DE	Hannover
DE	Heidelberg
DE	Mannheim
EE	Tartu
ES	Barcelona
ES	Bilbao
ES	Granada
ES	Seville
ES	Terrassa
FR	Limoges
FR	Saint-Etienne
HU	Budapest
IT	Milan
IT	Parma
IT	Pesaro
IT	Rome
IT	Turin
NL	Utrecht
PL	Łódź

PT	Braga
SE	Norrköping
SI	Ljubljana
UK	Bradford
UK	Bristol
UK	Dundee
UK	Edinburgh
UK	Manchester
UK	Norwich
UK	Nottingham
UK	York
AT	Vienna
BE	Leuven
BE	Liège
BE	Namur
BE	Ostend
CH	Basel
CH	Bern
CH	Geneva
CH	Zurich
CY	Limassol
CZ	Karlovy Vary
CZ	Olomouc
DE	Bochum
DE	Bremen
DE	Cologne
DE	Dresden
DE	Frankfurt
DE	Hamburg
DE	Karlsruhe

DE	Leipzig
DE	Mainz
DE	Munich
DE	Nuremberg
DE	Stuttgart
DK	Odense
ES	Lleida
ES	Valencia
FI	Espoo
FI	Tampere
FR	Montpellier
FR	Nantes
HR	Split
HR	Zagreb
HU	Szeged
IT	Brescia
IT	Naples
IT	Trento
IT	Trieste
IT	Venice
NL	Amersfoort
NL	Groningen
NL	Leiden
NL	's-Hertogenbosch
NL	The Hague
NO	Oslo
PL	Poznań
PL	Toruń
PT	Coimbra
PT	Faro

PT	Sintra
RO	Iaşi
SE	Gothenburg
SE	Malmö
SE	Uppsala
SK	Bratislava
UK	Birmingham
UK	Brighton and Hove
UK	Leeds
UK	London

1. European Capital of Culture	2. UNESCO Creative City	3. Festivals

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Conceptual framework

Sub-index	Dimension	Indicator		Short description	Short explanation of updates	Geo level	Ref. period	Mode year	Availability	Source
Cultural Vibrancy	Cultural Venues & Facilities	1	Sights & landmarks	Points of historical, cultural and or artistic interest, such as architectural buildings, religious sites, monuments and statues, churches and cathedrals, bridges, towers and fountains, amongst other things, divided by the total population and then multiplied by 100,000.	2019 cities: updated with data from 2019 web extraction due to new classification used by TripAdvisor.	City	2019	2019	100%	TripAdvisor
		2	Museums & art galleries	Number of museums and art galleries that are open to the public divided by the total population and then multiplied by 100,000.	Updated scope and name (Museums --> Museums & art galleries).	City	2019	2019	100%	TripAdvisor
		3	Cinemas	Number of cinema seats in the city divided by the total population and then multiplied by 1,000.	Updated at source (Eurostat Urban Audit --> OpenStreetMap) and name (Cinema seats ---> Cinemas).	City	2019	2019	99%	OpenStreetMap
		4	Concert & music halls	Number of theatres and other music venues (concert halls, clubs, etc.) divided by the total population and then multiplied by 100,000.	Updated scope and name (Concerts & shows --> Concert & music halls). Data from 2019 web extraction.	City	2019	2019	100%	TripAdvisor
		5	Theatres	Number of theatres in the city divided by the total population and then multiplied by 100,000.	Updated at source (Eurostat Urban Audit ---> OpenStreetMap).	City	2019	2019	99%	OpenStreetMap
	Cultural Participation & Attractiveness	6	Tourist overnight stays	Total annual number of nights that tourists/guests have spent in tourist accommodation establishments (hotel or similar) divided by the total population.	No change	City	2011-2017	2017	87%	Eurostat (Urban Audit)
		7	Museum visitors	Total number of museum tickets sold during the reference year divided by the total population and then multiplied by 1,000.	No change	City	2011-2017	2011	81%	Eurostat (Urban Audit)
		8	Cinema attendance	Total number of tickets sold, referring to all films screened during the year, divided by the total population and then multiplied by 1,000.	No change	City	2011-2017	2011	62%	Eurostat (Urban Audit)
		9	Satisfaction with cultural facilities	Percentage of population that is very satisfied with cultural facilities in the city.	No change	City	2015	2015	32%	Flash Eurobarometer 366 by TNS/EC (Survey on 'Quality of life in cities')

Creative Economy	**Creative & Knowledge-based Jobs**	10	Jobs in arts, culture & entertainment	Number of jobs in arts, culture- and entertainment-related activities such as performing arts, museums and libraries, divided by the total population and then multiplied by 1,000 (NACE Rev. 2, R-U).	No change	City	2011-2017	2011	88%	Eurostat (Urban Audit)
		11	Jobs in media & communication	Number of jobs in media and communication-related activities such as book and music publishing, film production and TV, divided by the total population and then multiplied by 1,000 (NACE Rev. 2, J).	No change	City	2011-2017	2016	87%	Eurostat (Urban Audit)
		12	Jobs in other creative sectors	Number of jobs in professional, scientific and technical, administrative and support service activities such as architecture, advertising, design, and photographic activities, divided by the total population and then multiplied by 1,000 (NACE Rev. 2, M-N).	No change	City	2011-2017	2016	87%	Eurostat (Urban Audit)
	Intellectual Property & Innovation	13	ICT patent applications	Three-year average number of ICT patent applications (including: consumer electronics, computers and office machinery, and telecommunications) filed to the European Patent Office (EPO) by priority year divided by the total population and then multiplied by 1 million.	Updated at source (Eurostat Regional Statistics --> OECD Regpat)	NUTS 3	2013-2015	2013-2015	94%	OECD Regpat
		14	Community design applications	Three-year average number of Community Design applications filed to the Office for Harmonization in the Internal Market (OHIM) divided by the total population and then multiplied by 1 million.	No change	NUTS 3	2014-2016	2014-2016	97%	Eurostat (Regional Statistics)
	New Jobs in Creative Sectors	15	Jobs in new arts, culture & entertainment enterprises	Number of persons employed in the enterprises established in the reference year in arts, culture and entertainment activities such as performing arts, museums and libraries, divided by the total population and then multiplied by 100,000.	No change	NUTS 3	2010-2016	2016	63%	Eurostat (Regional Statistics)
		16	Jobs in new media & communication enterprises	Number of persons employed in the enterprises established in the reference year in in media and communication activities such as book and music publishing, film production and TV, divided by the total population and then multiplied by 100,000.	No change	NUTS 3	2010-2016	2016	63%	Eurostat (Regional Statistics)
		17	Jobs in new enterprises in other creative sectors	Number of persons employed in the enterprises established in the reference year in professional, scientific and technical activities such as architecture, advertising, design, and photographic activities, divided by the total population and then multiplied by 100,000.	No change	NUTS 3	2010-2016	2016	63%	Eurostat (Regional Statistics)

Enabling Environment	**Human Capital & Education**	18	Graduates in arts & humanities	Number of tertiary education graduates (ISCED 2011 levels 5-8) in arts and humanities courses in the reference year divided by the total population and then multiplied by 100,000.	No change but integrated corrections at source.	City	2013-2015	2015	89%	ETER project
		19	Graduates in ICT	Number of tertiary education graduates (ISCED 2011 levels 5-8) in Information and Communication Technologies courses in the reference year divided by the total population and then multiplied by 100,000.	No change but integrated corrections at source.	City	2011-2017	2017	89%	ETER project
		20	Average appearances in university rankings	Average number of universities' appearances in four different university rankings: QS, Shanghai, Leiden and Times.	No change	City	2018	2018	100%	QS, Shanghai, Leiden, Times rankings
	Openness, Tolerance & Trust	21	Foreign graduates	Number of foreign graduates enrolled in tertiary education courses in the reference year divided by the total number of tertiary education graduates (ISCED 2011 levels 5-8) in the same academic year.	No change but integrated corrections at source.	City	2013-2015	2015	89%	ETER project
		22	Foreign-born population	Percentage of the total population who is foreign-born.	No change	City	2011-2017	2017	84%	Eurostat (Urban Audit)
		23	Tolerance of foreigners	Percentage of the population who very strongly agrees with the statement: 'The presence of foreigners is good for this city'.	No change	City	2015	2015	30%	Flash Eurobarometer 366 by TNS/EC (Survey on 'Quality of life in cities')
		24	Integration of foreigners	Percentage of the population who very strongly agrees with the statement: 'Foreigners who live in this city are well integrated'.	No change	City	2015	2015	32%	Flash Eurobarometer 366 by TNS/EC (Survey on 'Quality of life in cities')
		25	People trust	Percentage of the population who very strongly agrees with the statement: 'Generally speaking, most people in this city can be trusted'.	No change	City	2015	2015	32%	Flash Eurobarometer 366 by TNS/EC (Survey on 'Quality of life in cities')
	Local & International Connections	26	Passenger flights	Population-weighted average number of accessible passenger flights per day, within 1h30 of travel by road.	Same source but new computational methodology.	City	2016	2016	99%	DG REGIO
		27	Potential road accessibility	Population accessible within 1h30 by road, as share of the population in a neighbourhood of 120 km radius.	Same source but new computational methodology.	City	2016	2016	99%	DG REGIO
		28	Direct trains to other cities	Population accessible within 1h30 by rail (average total travel time), as share of the population in a neighbourhood of 120 km radius.	Same source but new computational methodology.	City	2014	2014	99%	DG REGIO
	Quality of Governance	29	Quality of governance	Computed indicator measuring the quality of government in three areas of public services: education, healthcare and law enforcement.	No change	NUTS 2, NUTS 1 and NUTS 0	2017	2017	96%	DG REGIO

Selection and grouping criteria

Type	Variable name	Short explanation	Geographical level	Reference Period	Mode year	Availability	Unit	Source
Selection variables to identify 'Cultural and Creative Cities'	European Capital of Culture (ECoC)	Binary variable: it takes value '1' if a city was European Capital of Culture or shortlisted to become one, '0' if not	City	1985-2023	Not applicable	100%	[number]	European Commission - DG EAC
	ECoC year	It corresponds to the year for which the city has been awarded the title of ECoC or shortlisted	City	1985-2023	Not applicable	100%	[number]	European Commission - DG EAC
	UNESCO Creative City	Binary variable: it takes value '1' if a city is part of the UNESCO Creative Cities Network, '0' if not	City	2004-2019	Not applicable	100%	[number]	UNESCO
	Number of film festivals	Number of international film festivals regularly going on in the city (and still on until 2017)	City	Not applicable	Not applicable	100%	[number]	Wikipedia page - List of film festivals in Europe
	Number of cultural festivals	Number of festivals which have been awarded the Europe for Festivals, Festivals for Europe (EFFE) quality label	City	2015-2018	Not applicable	100%	[number]	EFFE platform
	Total number of international cultural festivals hosted	Total number of festivals in the city, based on the sum of the previous two indicators	City	Not applicable	Not applicable	100%	[number]	Wikipedia page - List of film festivals in Europe, EFFE platform
Variables used to obtain groups of comparable peer cities*	GDP per capita in Purchasing Power Standard (PPS) at NUTS 3 level	Comparable GDP per capita	NUTS 3	2016-2017	2016	83%	[thousand Euros]	Eurostat (Regional Statistics)
	GDP per capita in Purchasing Power Standard (PPS) at metro level	Comparable GDP per capita	Metro	2014-2016	2015	95%	[thousand Euros]	Eurostat (Metropolitan Regions)
	Empl rate 20-64 at city level	Employment rate among the working age population (20-64 years old)	City	2011-2017	2011	86%	[percentage]	Eurostat (Urban Audit)
	Empl rate 20-64 at metro level	Employment rate among the working age population (20-64 years old)	Metro	2017	2017	90%	[percentage]	Urban Data Platform (UDP) based on Eurostat and LUISA Modelling Platform
	Population at 1st January at city level	Population at 1st January at city level	City	2011-2018	2017	97%	[number]	Eurostat (Urban Audit)

Non-included cities

Satisfied criterion	No.	City (Country)	Why not included in the Monitor	Population*
European Capital of Culture (shortlisted)	1	Dubrovnik (Croatia)	Not in Urban Audit, < 50,000 inhabitants*	42,615
	2	Elefsina (Greece)	Not in Urban Audit, < 50,000 inhabitants	29,902
	3	Martin (Slovakia)	Not in Urban Audit	54,618
	4	Paphos (Cyprus)	Not in Urban Audit, < 50,000 inhabitants	35,961
	5	Reykjavik (Iceland)	Not in Urban Audit	
	6	Rhodes (Greece)	Not in Urban Audit, < 50,000 inhabitants	49,541
	7	Segovia (Spain)	Not in Urban Audit	51,683
	8	Siena (Italy)	Not in Urban Audit	53,973
	9	Sønderborg (Denmark)	Not in Urban Audit, < 50,000 inhabitants	27,434
	10	Istanbul (Turkey)	Only a few indicators available	
UNESCO Creative City	1	Alba (Italy)	Not in Urban Audit, < 50,000 inhabitants	31,531
	2	Amarante (Portugal)	Not in Urban Audit	59,638
	3	Barcelos (Portugal)	Not in Urban Audit	123,831
	4	Carrara (Italy)	Not in Urban Audit	62,592
	5	Gabrovo (Bulgaria)	Not in Urban Audit	63,004
	6	Kolding (Denmark)	Not in Urban Audit	86,102
	7	Lillehammer (Norway)	Not in Urban Audit, < 50,000 inhabitants	28,034
	8	Dénia (Spain)	Not in Urban Audit, < 50,000 inhabitants	41,672
	9	Enghien-les-Bains (France)	Not in Urban Audit, < 50,000 inhabitants	12,044
	10	Fabriano (Italy)	Not in Urban Audit, < 50,000 inhabitants	31,924
	11	Idanha-a-Nova (Portugal)	Not in Urban Audit, < 50,000 inhabitants	11,659
	12	Óbidos (Portugal)	Not in Urban Audit, < 50,000 inhabitants	10,875
	13	Östersund (Sweden)	Not in Urban Audit, < 50,000 inhabitants	44,327
	Total	**23**		

*50 000 inhabitants is the minimum threshold to be included in Eurostat's Urban Audit.

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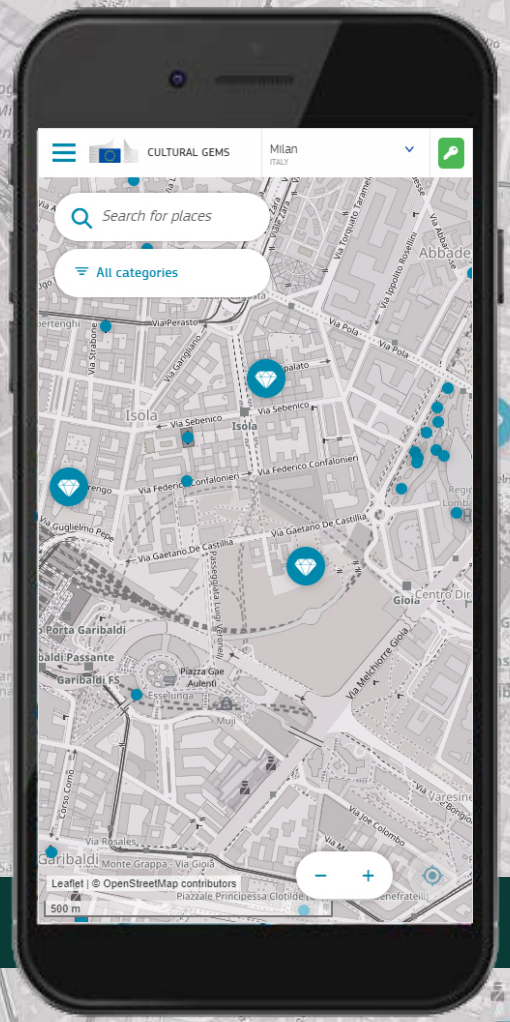
CULTURAL GEMS

Milan
ITALY

Sign in

Search for places

All categories



Map

Milan

Did you know that?

C3 Index

Did you know that?

01

Milan, the second-largest city and its economic capital of Italy, is a leading global city and a major creative economy hub, in the country and in Europe.

02

City profile

Fashion Week, the Milan Furniture Fair and the connected outdoor initiative, Fuori Salone.

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Cultural gems today…

100 000+ **geo-localised** cultural and creative places

20 cities and regions are already taking part

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

Any city can be added

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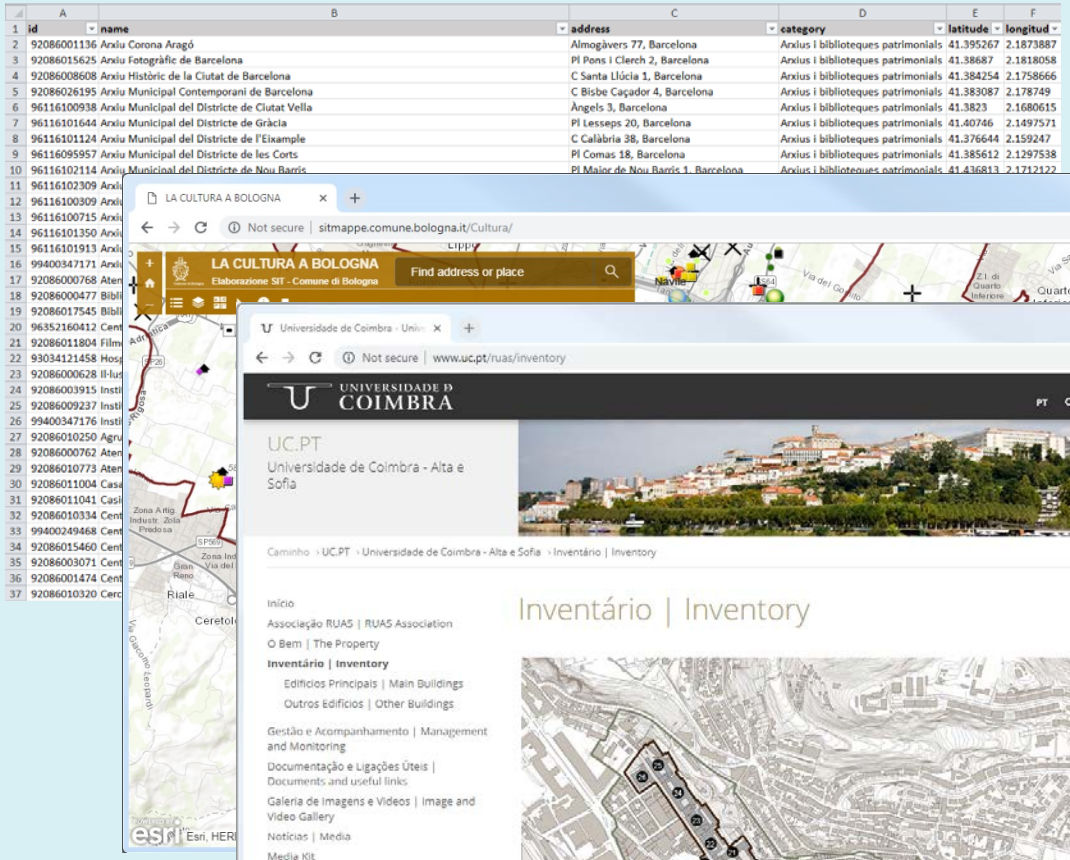
Functionalities

OpenStreetMap layer

City stories

New places

Challenges



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92086008608	Arxiu Històric de la Ciutat de Barcelona	C Santa Llúcia 1, Barcelona	Arxius i biblioteques patrimonials	41.384254	2.1758666
92086026195	Arxiu Municipal Contemporani de Barcelona	C Bisbe Caçador 4, Barcelona	Arxius i biblioteques patrimonials	41.383087	2.178749
96116100938	Arxiu Municipal del Districte de Ciutat Vella	Àngels 3, Barcelona	Arxius i biblioteques patrimonials	41.3823	2.1680615
96116101644	Arxiu Municipal del Districte de Gràcia	Pl Lesseps 20, Barcelona	Arxius i biblioteques patrimonials	41.40746	2.1497571
96116101124	Arxiu Municipal del Districte de l'Eixample	C Calàbria 38, Barcelona	Arxius i biblioteques patrimonials	41.376644	2.159247
96116095957	Arxiu Municipal del Districte de les Corts	Pl Comas 18, Barcelona	Arxius i biblioteques patrimonials	41.385612	2.1297538
96116102114	Arxiu Municipal del Districte de Nou Barris	Pl Major de Nou Barris 1, Barcelona	Arxius i biblioteques patrimonials	41.436813	2.1712122

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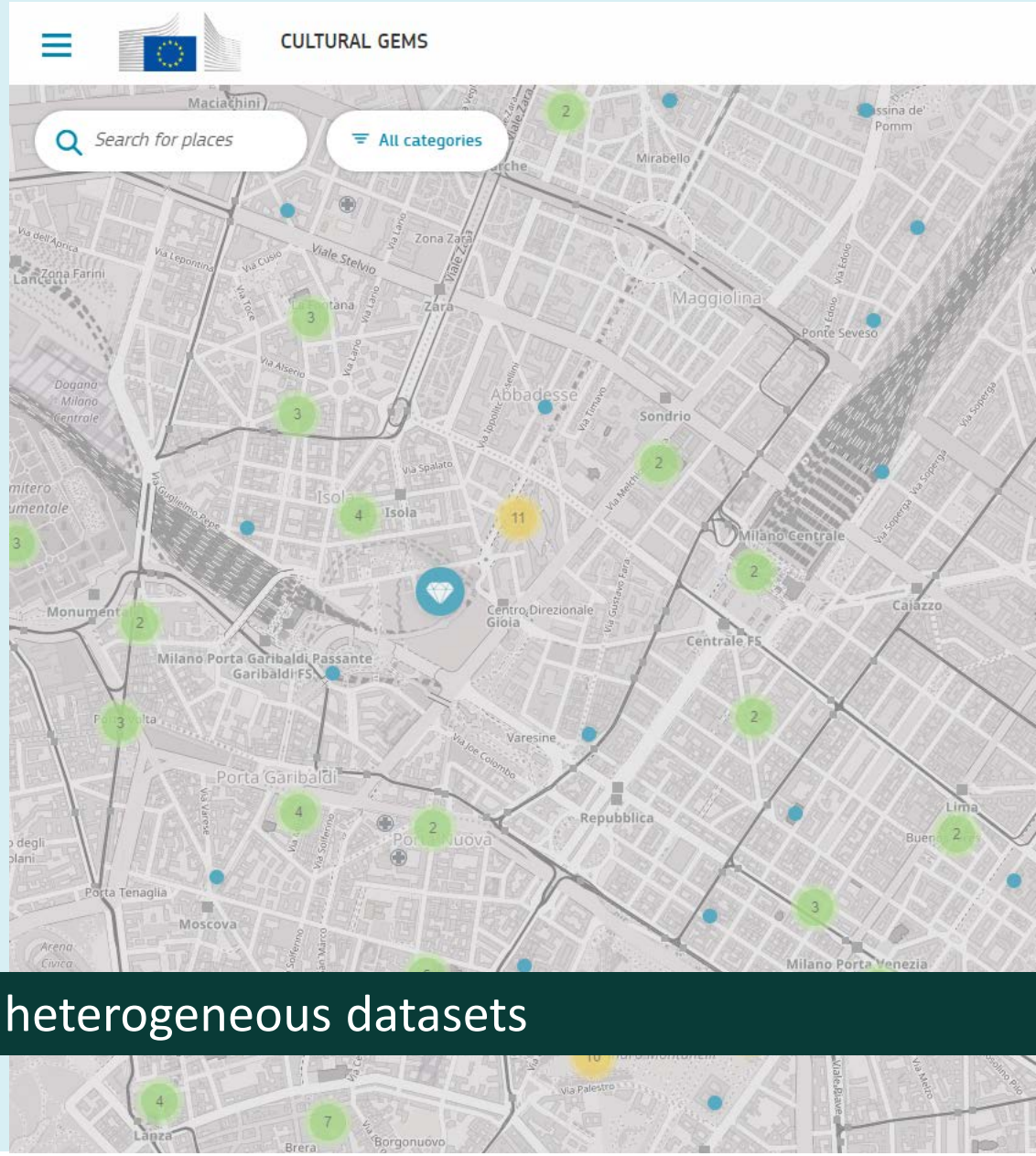
PT Acesso rápido Entrar

UC.PT
Universidade de Coimbra - Alta e Sofia

Caminho › UC.PT › Universidade de Coimbra - Alta e Sofia › Inventário | Inventory

Início
Associação RUAS | RUAS Association
O Bem | The Property
Inventário | Inventory
Edifícios Principais | Main Buildings
Outros Edifícios | Other Buildings
Gestão e Acompanhamento | Management and Monitoring
Documentação e Ligações Úteis | Documents and useful links
Galeria de Imagens e Vídeos | Image and Video Gallery
Notícias | Media
Media Kit
Agenda
FAQs
Espaço do Cidadão | Community Support
Contactos | Contacts

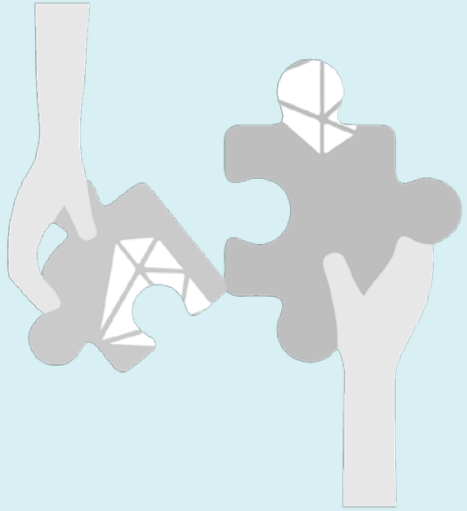
Inventário | Inventory

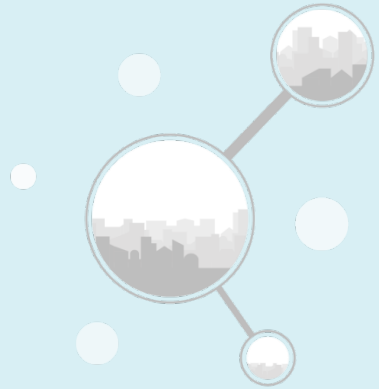


Common language: harmonise information and visualise heterogeneous datasets

European Commission

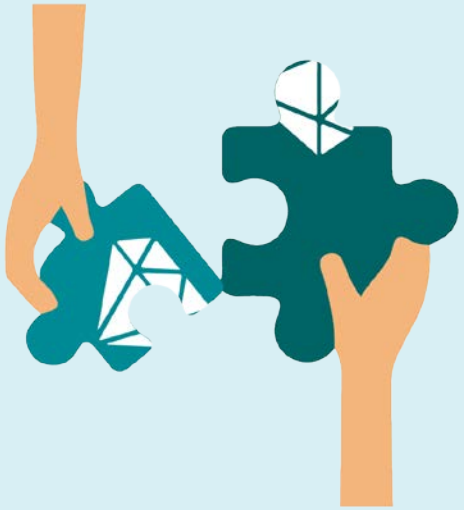
Cultural gems aims at …

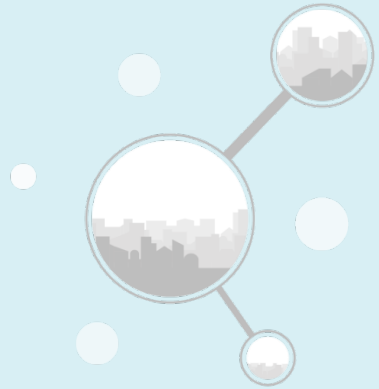




Providing a web platform (completely free and accessible)
to **collect and visualise** cultural and creative places

Cultural gems aims at …

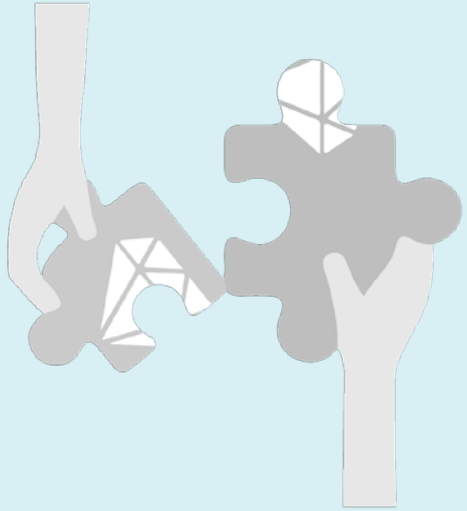




Building an **harmonised bottom-up categorisation**
of cultural and creative places

European Commission

Cultural gems aims at …

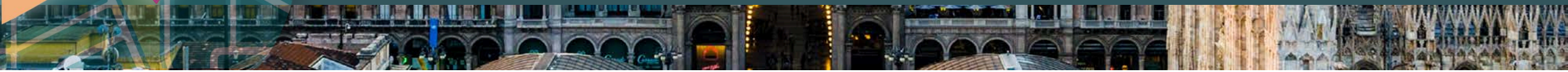


Sustaining **networks of European cities**
working on culture and creativity

How to take part?

Just sign in and START MAPPING!

at *https://culturalgems.jrc.ec.europa.eu*



European Commission