





# The Emergence CSs Phenomenon: Spatial effects and patterns

Δρ Στέλλα Μανίκα

Εργαστήριο Μορφολογίας και Σχεδιασμού Αστικού Χώρου

# Digital economies

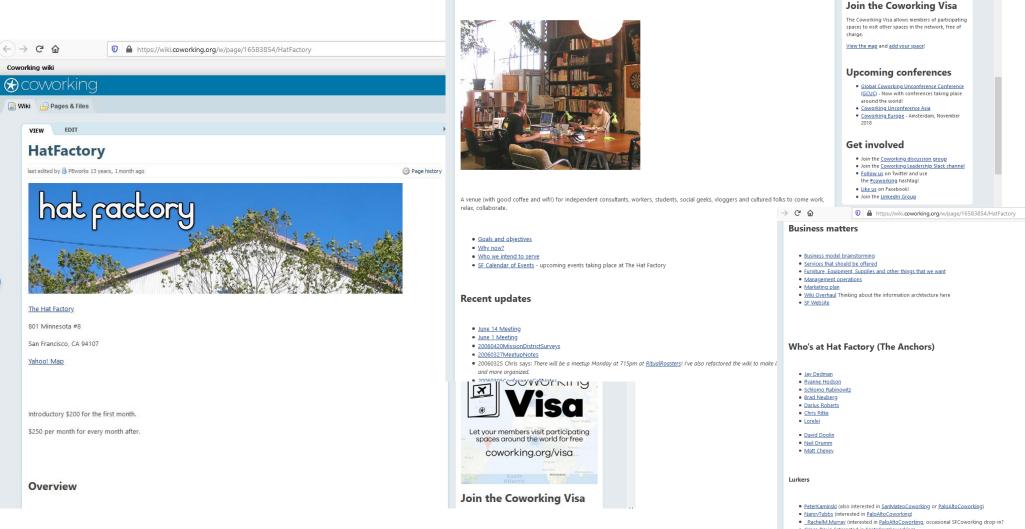
Digital economies foster both dispersion and concentration of economic activities

Decouple of workers and fixed job locations (Bizzarri, 2010)

- overcoming spaces and multi-locality
- digital industrial revolution on the possible ubiquitousness and democratization of work, society, and urban space are highly disputed (Anderson, 2012; Isin and Ruppert, 2015).

# Digital economies

- Sharing the same space may provide a collaborative community
- Relational and geographic proximity within these new working spaces may foster information exchange and business opportunities (Spinuzzi, 2012; Parrino, 2015).
- Highly individualized jobs are characterized by frequent nonstandard employment patterns (Cappelli and Keller, 2013)
- Nomadic and precarious worklife (Gandini, 2015) in search of new forms of identification.
- Microclusters



→ C 0

Overview

... ☑ ☆

https://wiki.coworking.org/w/page/165838 54/HatFactory ... ☑ ☆

**II**\ □ **①** ② ≡



### The first coworking space?

"......I could have the Spiral Muse space two days a week for \$300 a month, with any extra money that I might make from participants above and beyond \$300. The one thing though was that I would have to set up the space each of those days and then break everything down as I couldn't leave any permanent additions."

#### Accessed

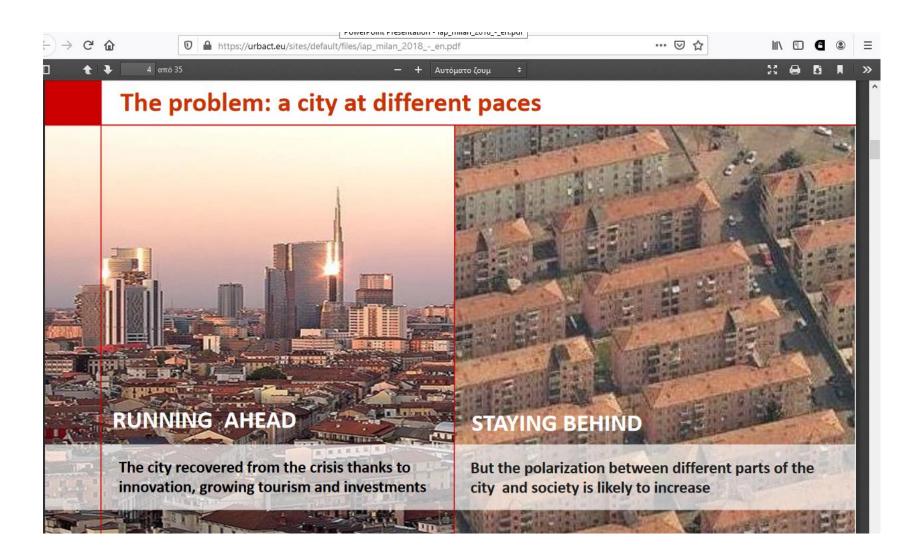
http://codinginparadise.org/ebooks/html/blog/s
tart\_of\_coworking.html

# Keys

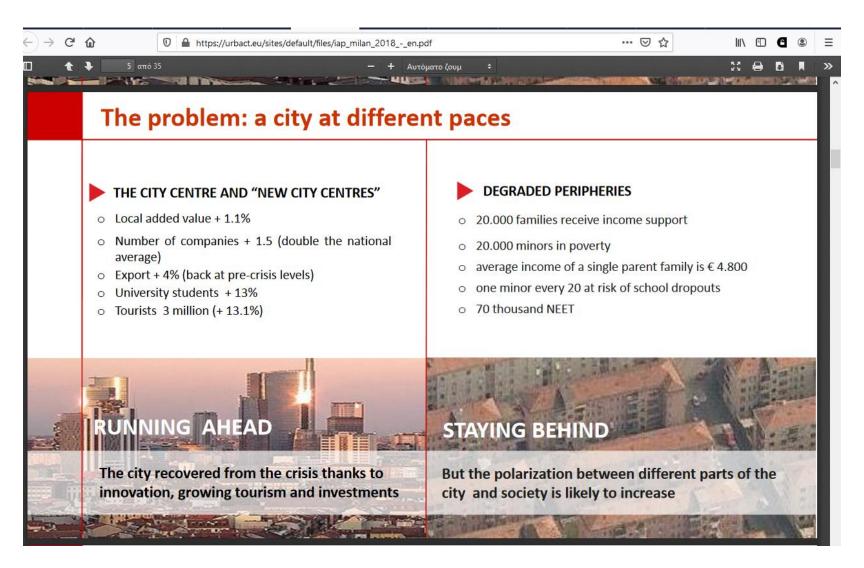
- Milan
- Italian financial and economic hub (OECD, 2006)
- Represents the core of the Italian knowledge-based, creative, digital, and sharing economy (Camera di Commercio di Milano, 2016),
- thus being the city hosting the largest number of co-working spaces in Italy (MyCowo, 2014).

# Mιλάνο – key pillars

- Ανάπτυξη έρευνας καινοτομίας τουρισμού επενδύσεων
- Ανομοιογένεια στις γειτονιές της πόλης
- Υποβαθμισμένες γειτονιές



https://urbact.eu/sites/default/files/iap milan 2018 - en.pdf



https://urbact.eu/sites/default/files/iap\_milan\_2018 - en.pdf

# Milano – smart city

BOOSTING SUCIAL INMOVATION

- Συνεργασία Δήμου Μιλάνου και Εμπορικού Επιμελητηρίου
- Μετατόπιση ενδιαφέροντος από τις τεχνολογικές εφαρμογές στην κοινωνική συνοχή
- Ποικιλία φορέων συμμετείχε στη διαδικασία λήψης αποφάσεων

#### **5 LINES OF ACTION**





SHARING &
COLLABORATIVE
ECONOMY



& KNOWLEDGE INTENSIVE ECONOMY



NEW CRAFT & URBAN MANUFACTURING



& SMART CITY & SMART CITIZENS







https://labgov.city/theur banmedialab/smart-citydevelopment-the-milanmode/

#### **3 CROSS SECTORAL ACTIONS**

PARTICIPATORY PLANNING How to design policies?



IMPACT MEASUREMENT How to evaluate policies?



IMPACT FINANCE How to finance policies?



https://urbact.eu/sites/default/files/iap milan 2018 - en.pdf

# Ιδιαίτερη πρωτοπορία του Μιλάνου

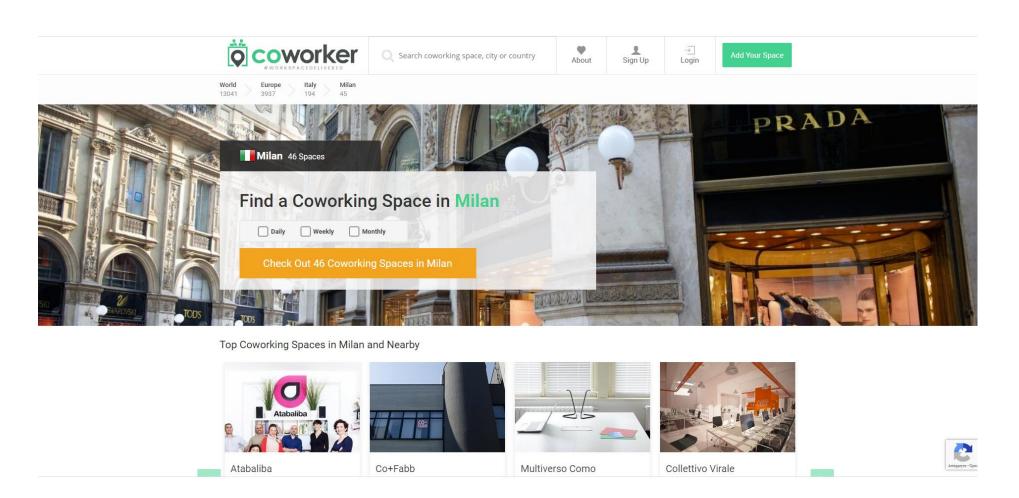
- Social street
- Δημιουργία χώρων coworking
- Φροντίδα για την
   επανάχρηση
   εγκαταλελειμμένων
   δημόσιων χώρων για
   εργαστήρια και χώρους
   συμμετοχικής οικονομίας
- Ίση πρόσβαση στον τομέα των πληροφοριών



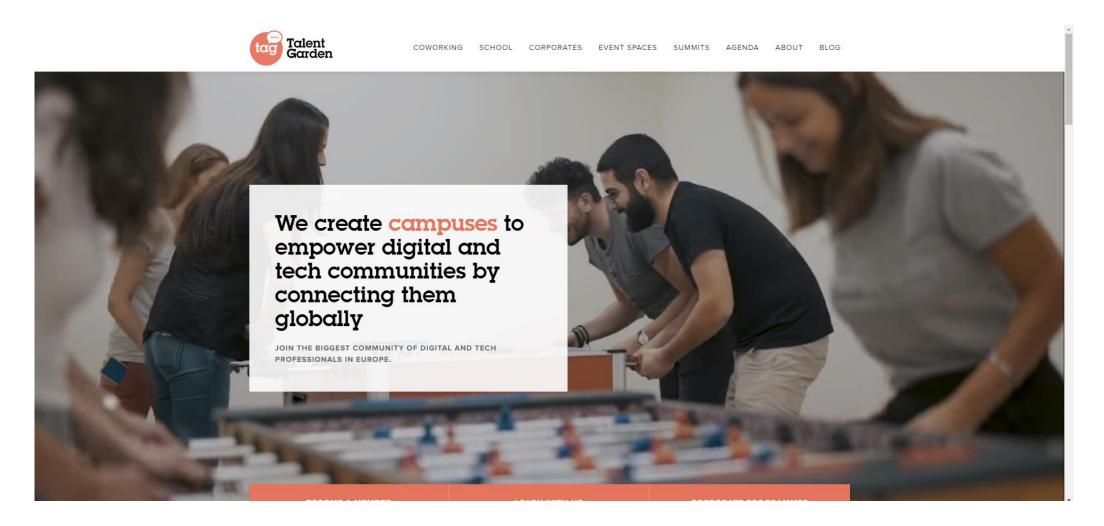
http://www.socialstreet.it

The Social Street is a form of neighborhood communities, whose purpose is to «promote socialization between neighbors in the same street in order to build relationships, to interchange needs, to share expertise and knowledges, to implement common interest projects, with common benefits from a closer social interaction [...] It is a no-profit activity with social purpose. Social Street is not pursuing any political, religious, ideological view. It brings people together with the sole criterion of the proximity between area residents»

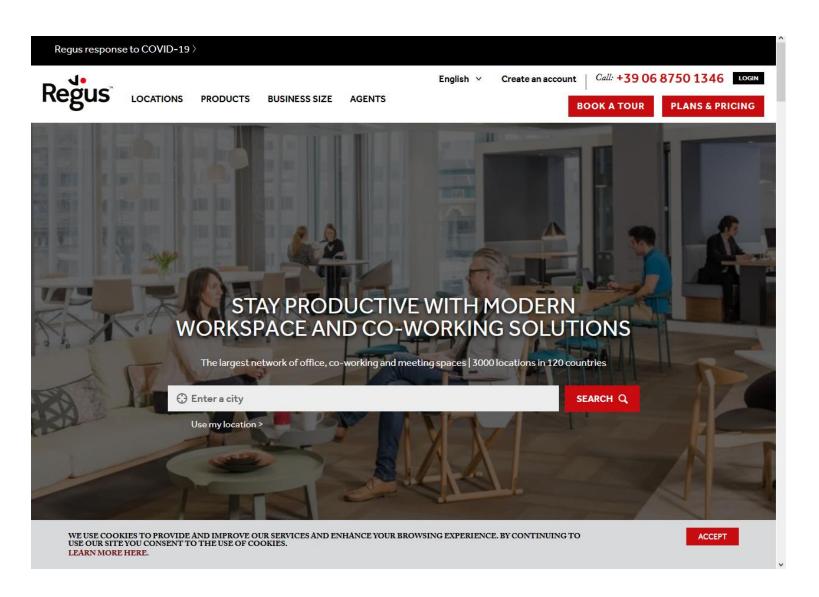
https://labgov.city/theurbanmedialab/socialstreet-different-directions-towards-commonsmanagement-of-public-spaces/



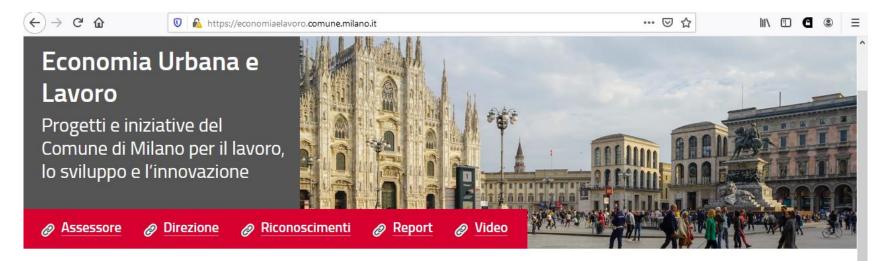
https://www.coworker.com/italy/milan



https://talentgarden.org/



https://www.regus.it/en-it



### PROGETTI IN CORSO



#### **ALBI E REGISTRI**

#### Milano Aiuta: un catalogo di servizi collaborativi

Consulta il catalogo dei servizi collaborativi e dei progetti di innovazione promossi da startup associazioni imprese istituzioni



#### PROGETTI EUROPEI

#### SEE ME IN

Con "See Me In", finanziato dal programma comunitario Central Europe, l'imprenditoria degli immigrati diventa più competitiva



#### **BANDI E CONTRIBUTI**

#### Secondo bando La scuola dei quartieri

Scadenza prorogata fino alle ore 12.00 del giorno 8 giugno 2020



#### INIZIATIVE DEL COMUNE

I destinatari del progetto sono disoccupati, di età superiore ai 18 anni e residenti nel quartiere Lorenteggio



#### **INIZIATIVE DEL COMUNE**

#### Smart Lab - Milano Concilia 4.0

Costruire una fondamentale collaborazione tra pubblico e privato per sperimentare



#### **SPAZI IN CITTÀ**

#### **Smart city Lab**

Un nuovo spazio di incubazione per i progetti di città intelligente

https://economiaelavoro.comu ne.milano.it/

# Σχέση οικονομίας και κοινωνίας

- Milano smart city: συνεργασία δημόσιων κα ιδιωτικών φορέων
- Δράσεις κοινωνικής αναγέννησης
- Προσπάθειες κοινωνικού μετασχηματισμού
- Δημιουργία θέσεων εργασίας
- Επίλυση στεγαστικού ζητήματος
- Βελτίωση υποδομών



### **Hybrid Enterprises & urban regeneration**

#### MUNICIPAL POLICIES: MILESTONES AND RESOURCES

The Municipality is maturing experience in supporting hybrid forms of entrepreneurship for urban regeneration. The new financed actions will be supporting new companies with a social impact at the peripheries.

2013 > today

#### POLICIES FOR **NEW HYBRID ECONOMIES**

Microcredit, reuse of public buildings, social enterprise funding etc.

€ 5.340.000 Municipality & central government

2016

#### BASE MILANO

Ex Ansaldo industry space regenerated to become a Cultural Hub open to events, coworking spaces and creativity initiatives.

2016 > 2017

#### CIVIC

CROWDFUNDING First in Italy for social impact civic projects. 50% budget crowdfunding + 50%

administration € 656.549 Municipality

Public

2017 > 2019

#### OPEN AGRI PROJECT

Experimentation of an urban agriculture district in the south area of Milan

€ 6.246.000 total EU budget FESR 2014-20 UIA program

2018 > 2022

#### INCLUSIVE INNOVATION HUB

Support for hybrid enterprises with a social impact at the periphery

€ 4.800.000 Pon Metro Milano

€ 1.200.000 POR FESR Lombardy € 1.800.000 funding search

**WE ARE HERE** 

https://urbact.eu/sites/default/files/iap milan 2018 - en.pdf



### **Sharing & Collaborative Economy**



#### **MUNICIPAL POLICIES: MILESTONES AND RESOURCES**

The Municipality of Milan was the first institution in Italy to support sharing economy. Today the sector is growing strongly. The new actions will aim at increasing the impact of the sharing economy in peripheral areas of the city.

2013 > 2017

#### POLICIES FOR COWORKING

Support for investments, vouchers for workers, support for the opening of coworking in the periphery

€ 700.000 municipality 2016

#### FIRST ACTION PLAN CODESIGN

Public hearing of stakeholders and experts, Focus groups, online collection of amendments 2016

#### MILANO SHARING CITY

Guidelines for the Sharing Economy development in Milano 2016 > 2018

#### POLICIES IMPLEMENTATION

Experts and operators register, social and training projects in collaboration with large platforms, opening of CoHub, a public hub focused on sharing economy

2018 > 2021

#### SHARING ECONOMY IN PERIPHERIES

Training,
networking and
capacity building
for companies with
a social impact
operating in the
suburbs.

€ 200.000 Funding search

WE ARE HERE

https://urbact.eu/sites/default/files/iap\_milan\_2018\_-\_en.pdf



### Startup & knowledge intensive economy

#### MUNICIPAL POLICIES: MILESTONES AND RESOURCES

The Municipality collaborates with universities, entrepreneurs' organisations and the Chamber of Commerce in supporting innovative start-ups. The goal of the new actions is to experiment with innovative services and increase social impact in the peripheries.

2013 > today

### POLICIES FOR STARTUPS

Support for incubators and accelerators, partnership with Entrepreneurs' organisations and Chamber of Commerce

€ 803.500 municipality 2016

#### FABRIQ, SOCIAL STARTUP INCUBATOR

Opening of the first incubator for social startups, grant for starting up activities.

€ 585.000 municipality 2016

### INTERNATIONAL EXCHANGES

Agreement with the Cities of Amsterdam and New York City for study visits and soft landing 2017

#### SCALING UP NETWORK

Joining the
"Scale"
European
network to
support the
growth of startups

2018

#### SOCIAL IMPACT STARTUPS IN PERIPHERIES

Support for startups and experimentation of innovative services

€ 300.000 municipality € 700.000 funding search

**WE ARE HERE** 

https://urbact.eu/sites/default/files/iap milan 2018 - en.pdf



### **Smart city & Smart citizens**



#### **MUNICIPAL POLICIES: MILESTONES AND RESOURCES**

In 2014 the City of Milan, after a consultation process, approved the Milan Smart City guidelines. Today, projects and experiments are carried on in the neighbourhoods. The new actions aim to transform all the suburbs of the city in smart areas.

From 2013

#### MILANO SMART CITY GUIDELINES

Action in 7 points, creation of an organisation with institutional partners, coordination between sectors of the Municipality. 2016 > 2017

### OPEN CARE PROJECT

Digital social innovation project on making, digital technologies and care processes. € 1.588.000

Horizon 2020

CAPSI

2016 > 2020

### SHARING CITIES PROJECT

Creation of a
"smart"
neighbourhood in
the periphery of
Milan in partnership
with Lisbon and
London.

€ 8.600.000 Horizon 2020 Lighthouse 2016 > 2019

#### SMART CITY LAB

Opening of an incubator for companies specialized in smart technologies

€ 500.000 municipality funds € 5.000.000 government funds 2018

#### SMART PERIPHERIES

Support for the experimentation of smart city technologies in the suburbs

Funding search € 2.000.000

**WE ARE HERE** 

https://urbact.eu/sites/default/files/iap\_milan\_2018\_-\_en.pdf

# Ενεργά εργαστήρια

- Διεθνής Πόλη
- Αστική Κινητικότητα
- Περιβαλλοντικές και Ενεργειακές Πολιτικές
- Κοινωνική Συνοχή
- Εργαστήριο Ευ Ζην
- Πρόσβαση σε Δημόσιες Υπηρεσίες και Έγγραφα
- Εργαστήριο Προώθησης της Επιχειρηματικότητας



https://www.slideshare.net/varunmatj/smart -city-milano









### **#Smart city**

Progetti e iniziative del Comune di Milano per rendere la città sempre più intelligente e sostenibile grazie alla tecnologia e alla partecipazione di imprese, attori sociali e i cittadini.



#### PROGETTI EUROPEI

### Smart Cities Lighthouse: Sharing Cities

Un progetto europeo per trasformare la zona di Porta Romana / Vettabbia in un distretto smart

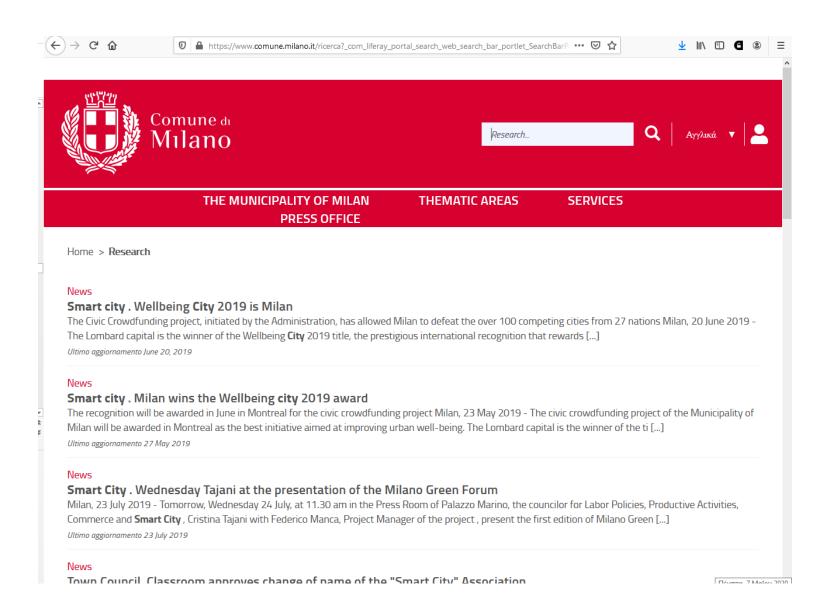
data di avvio:: 01/01/2016 data di conclusione:: 31/12/2020



#### REPORT E DOCUMENTI

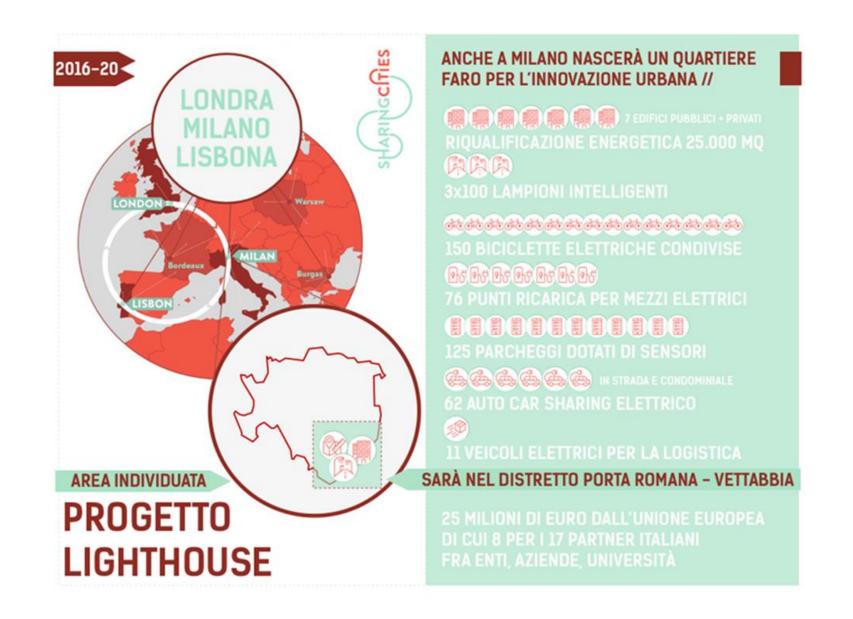
#### Linee guida Milano Smart City

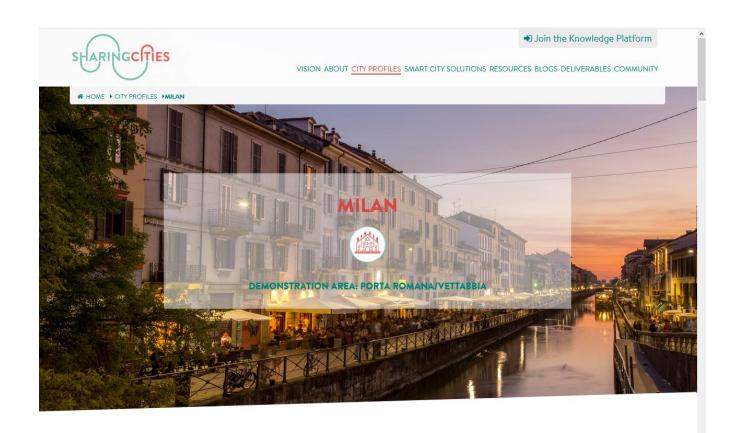
Approvato nel 2014, in preparazione dell'Expo, il documento definisce gli indirizzi per rendere Milano una città intelligente.



https://www.comune.milano.it

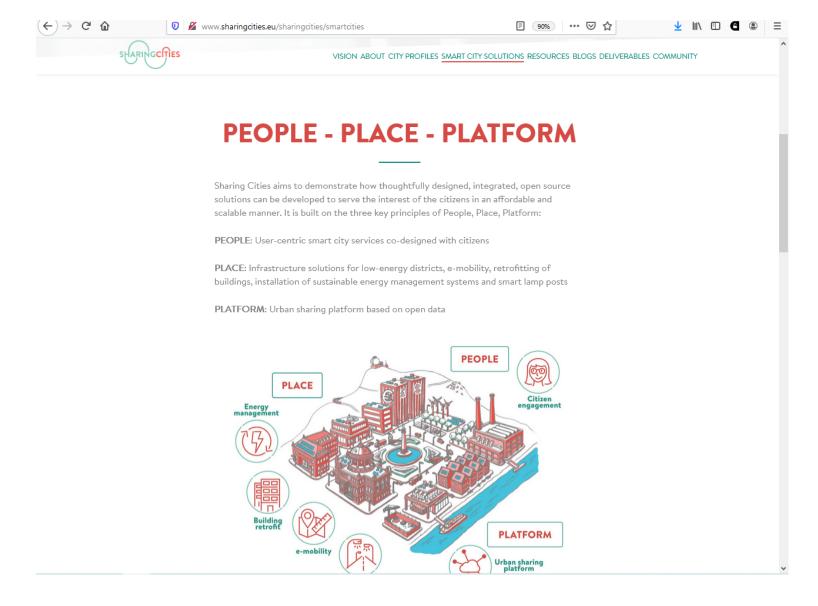
### SHARING CITIES "LIGHTHOUSE"





### **MILAN'S PROFILE**

http://www.sharingcities.eu/sharingcities/city-profiles/milan



http://www.sharingcities.eu/sharingcities/smartcities

# **BOOST-INNO** (Boosting Social Innovation).

- Hybrid enterprises and urban regeneration
- Sharing and collaborative economy
- Start-up & knowledge intensive economy
- New craft & urban manufactory
- Smart city & smart citizens





https://urbact.eu/sites/default/files/iap\_milan\_2018 - en.pdf

# Hybrid & Urban Regeneration

### ΔΡΑΣΕΙΣ

- 2013-σήμερα \_ Πολιτικές για Νέες Υβριδικές Οικονομίες
- 2016 Base Milano
- 2016-2017 \_ Χρηματοδοτήσεις από Πολίτες
- 2017-2019 \_ Open Agri project
- 2018-2022 \_ Inclusive Innovation Hub

# Sharing Collaborative Economy

### ΔΡΑΣΕΙΣ

- 2013-2017 \_ Πολιτικές για co-working
- 2016 \_ Δημόσια διαβούλευση με μετόχους και ειδικούς
- 2016 \_ Milan Sharing City.
- 2016-2018 Policies Implementation.
- 2018-2021 \_ Sharing Economies in Peripheries.

# Start-up & knowledge economy

### Δράσεις

- 2013-σήμερα \_ Πολιτικές για start-ups
- 2016 \_ Fabric Social Start-Up Incubator.
- 2016 \_ Διεθνείς ανταλλαγές: Σύμφωνο με Άμστερνταμ και Νέα Υόρκη για εκπαιδευτικές επισκέψεις.
- 2017 \_ Δίκτυο Scaling Up. Εισαγωγή στο Ευρωπαϊκό δίκτυο Scale που στηρίζει την ανάπτυξη start -up εταιρειών.
- 2018 \_ Start-Ups με Κοινωνικό Αντίκτυπο σε Υποβαθμισμένες Περιοχές

# New Craft & Urban Manufactory

### ΔΡΑΣΕΙΣ

- 2013-σήμερα \_ Στρατηγικές για Εργαστήρια.
- 2016-2017 \_ Σχέδιο Δράσης Συμμετοχικού Σχεδιασμού.
- 2016-2020 \_ Σχέδιο Manifattura Milano.
- 2018 \_ Εγκαίνια Milano Luiss Hub
- 2018-2021 \_ Στήριξη Επενδύσεων Νέων Εταιρειών που Στεγάζονται στα Προάστεια.

# **Smart City & Smart citizens**

### Δράσεις

- 2013 \_ Milano Smart City. Δράσεις σε 7 τομείς, συνεργασία δημόσιων ιδιωτικών φορέων.
- 2016-2017 \_ Open Care
- 2016-2020 \_ Sharing Cities Project
- 2016-2019 \_ Smart City Lab
- 2018 \_ Smart Peripheries.

### INCLUSIVE INNOVATION HUBS PROJECT

### Δράσεις

- Εκπαίδευση και έρευνα για τις νέες δυναμικές ανάπτυξης του Μιλάνου.
- Ψηφιακή πλατφόρμα για εσωτερικές διαδικασίες της διοίκησης.
- Ενίσχυση της κοινωνικής συνοχής και του συμμετοχικού σχεδιασμού
- Συναντήσεις που εκπαιδεύουν στο πως να υλοποιούνται ιδέες και καινοτόμες κοινωνικές επιχειρήσεις.
- Ενίσχυση project κοινωνικής αναγέννησης
- Ανάπλαση αστικού χώρου για να φιλοξενεί project κοινωνικής αναγέννησης και κοινωνικές υπηρεσίες.
- Εγκαίνια εργαστηρίων και hub, παρέχονται χώροι σε εταιρείες με τη συνεργασία δημόσιων και ιδιωτικών φορέων (Municipality of Milan).

# Αποτελέσματα εφαρμογών - Κατατάξεις

CLASSIFICA GENERALE	ICity <b>Rate</b> 2018

RATING 2018	СІТТА	PUNTEGGIO	RATING 2018	CITTÀ	PUNTEGGIO	RATING 2018	сітта	PUNTEGGIO	RATING 2018	сіттА	PUNTEGGIO
1	Milano	640,2	28	Biella	492,7	55	Terni	434,9	82	Sassari	334,7
2	Firenze	621,6	29	Siena	492,6	56	Cuneo	434,5	83	Isernia	331,7
3	Bologna	620,0	30	Rimini	491,9	57	Verbania	427,7	84	Nuoro	328,9
4	Trento	583,6	31	Brescia	489,5	58	Lucca	426,5	85	Campobasso	324,9
5	Bergamo	567,1	32	Lodi	488,0	59	Ascoli Piceno	425,2	86	Siracusa	323,2
6	Torino	547,7	33	Ferrara	485,2	60	L'Aquila	423,9	87	Latina	322,9
7	Venezia	544,1	34	Lecco	482,8	61	Asti	417,4	88	Palermo	322,1
8	Parma	539,1	35	Pavia	480,2	62	Lecce	408,9	89	Catania	312,9
9	Pisa	538,6	36	Belluno	476,8	63	Pescara	407,9	90	Cosenza	307,0
10	Reggio nell'Emilia	532,8	37	Novara	476,3	64	Fermo	405,7	91	Andria	302,7
11	Padova	532,5	38	Perugia	470,8	65	Massa	402,7	92	Messina	302,5
12	Ravenna	531,7	39	Como	469,6	66	Alessandria	402,1	93	Foggia	298,2
13	Pordenone	529,9	40	Aosta	468,3	67	Bari	391,6	94	Catanzaro	296,9
14	Trieste	523,2	41	Piacenza	467,9	68	Pistoia	390,3	95	Avellino	296,7
15	Roma	522,7	42	Arezzo	465,2	69	Grosseto	385,1	96	Ragusa	296,2
16	Cremona	522,6	43	Cagliari	459,1	70	Matera	384,9	97	Reggio di Calabria	292,5
17	Modena	521,0	44	Macerata	458,1	71	Frosinone	381,0	98	Benevento	287,6
18	Udine	520,6	45	Ancona	457,0	72	Rieti	369,5	99	Caserta	283,0
19	Mantova	516,0	46	Varese	455,1	73	Potenza	362,9	100	Brindisi	278,3
20	Bolzano - Bozen	512,9	47	Sondrio	455,1	74	Viterbo	360,8	101	Enna	275,1
21	Treviso	512,1	48	Prato	454,7	75	Imperia	357,6	102	Taranto	268,9
22	Verona	506,7	49	Vercelli	449,6	76	Teramo	354,8	103	Crotone	248,8
23	Genova	503,5	50	Gorizia	446,8	77	Rovigo	351,0	104	Trapani	237,4
24	Forlì	500,6	51	Pesaro	439,8	78	Oristano	350,2	105	Caltanissetta	235,9
25	Monza	496,6	52	Livorno	438,5	79	Napoli	345,3	106	Vibo Valentia	227,6
26	Vicenza	494,5	53	La Spezia	435,7	80	Salerno	342,9	107	Agrigento	225,2
27	Cesena	493,7	54	Savona	435,6	81	Chieti	336,6			



# Συμπεράσματα

- Προσπάθεια μετατροπής σε μια πόλη χωρίς ανισότητες
- Χρηματοδοτήσεις από ευρωπαϊκά προγράμματα και από δημόσιους και ιδιωτικούς φορείς
- Χρήση καινοτόμων ψηφιακών τεχνολογιών

- Growth of the information society
- The emergence of the "sharing economy"

### Changes

- to space Triggering urban regeneration
- to the economy,
- and to society (favoring knowledge transfer, informal exchange, interaction, and collaboration)
- Coworking places and makerspaces

- Makerspaces like fabrication laboratories (Fab-Labs) transform digital data into physical objects (and vice versa).
- Integrate knowledge, creative, and digital workers.
- Geographical proximity and non-hierarchical relationships generate socialization and, consequently, business opportunities (Spinuzzi, 2012).
- Exchange of tacit knowledge
- Geographical, organizational and cognitive proximity

Collaboration, accessibility, and community (Moriset, 2014)

"an atmosphere, a spirit, and even a lifestyle" (Moriset, 2014: 7)

"Increase of their personal reputations" which differ from the old ways of job access, such as family ties (Colleoni and Ardvisson, 2014)

- Property value collapse created a strong economic downturn.
- Need to reduce unemployment
- Post-crisis availability of cheap office spaces (Moriset, 2014).
- The most profitable CSs are the largest ones.
- Need for rescaling of existing co-working spaces.
- The effects of CSs are not obvious and risk-free.