

INSTRUCTION SLIDE. DELETE BEFORE PRESENTATION

You can use this presentation for outreach for the Fab City Global Initiative.

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For support to make any changes email info@fab.city with email subject: Help! Fab City Slide Deck



Introduction to Fab City

Locally productive, Globally connected, cities and citizens



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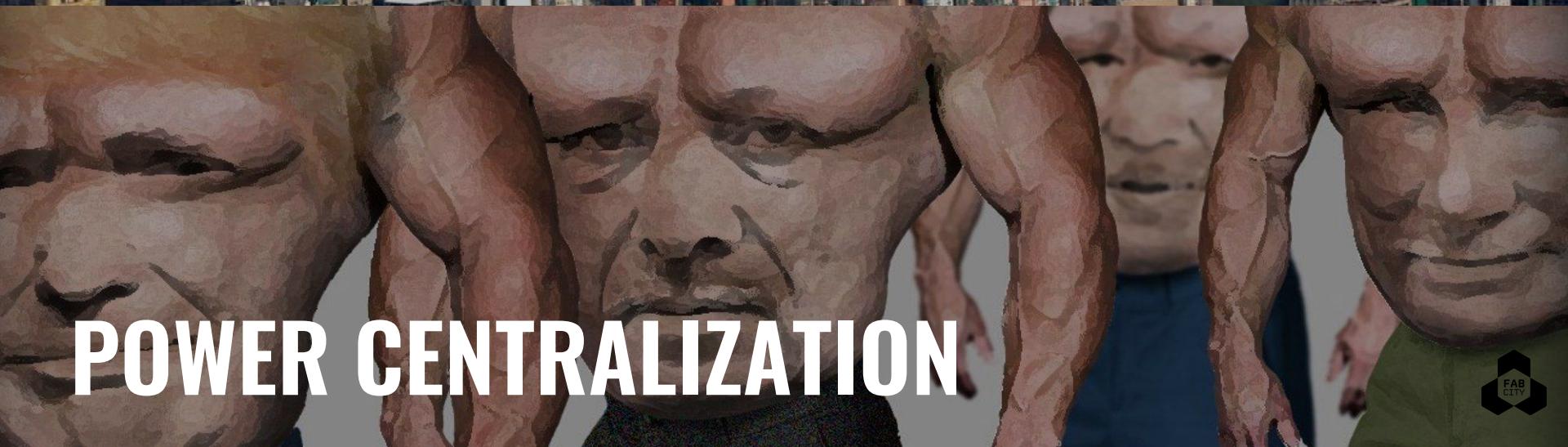
GLOBAL CONTEXT

NEW FUTURES



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URBAN SPRAWL

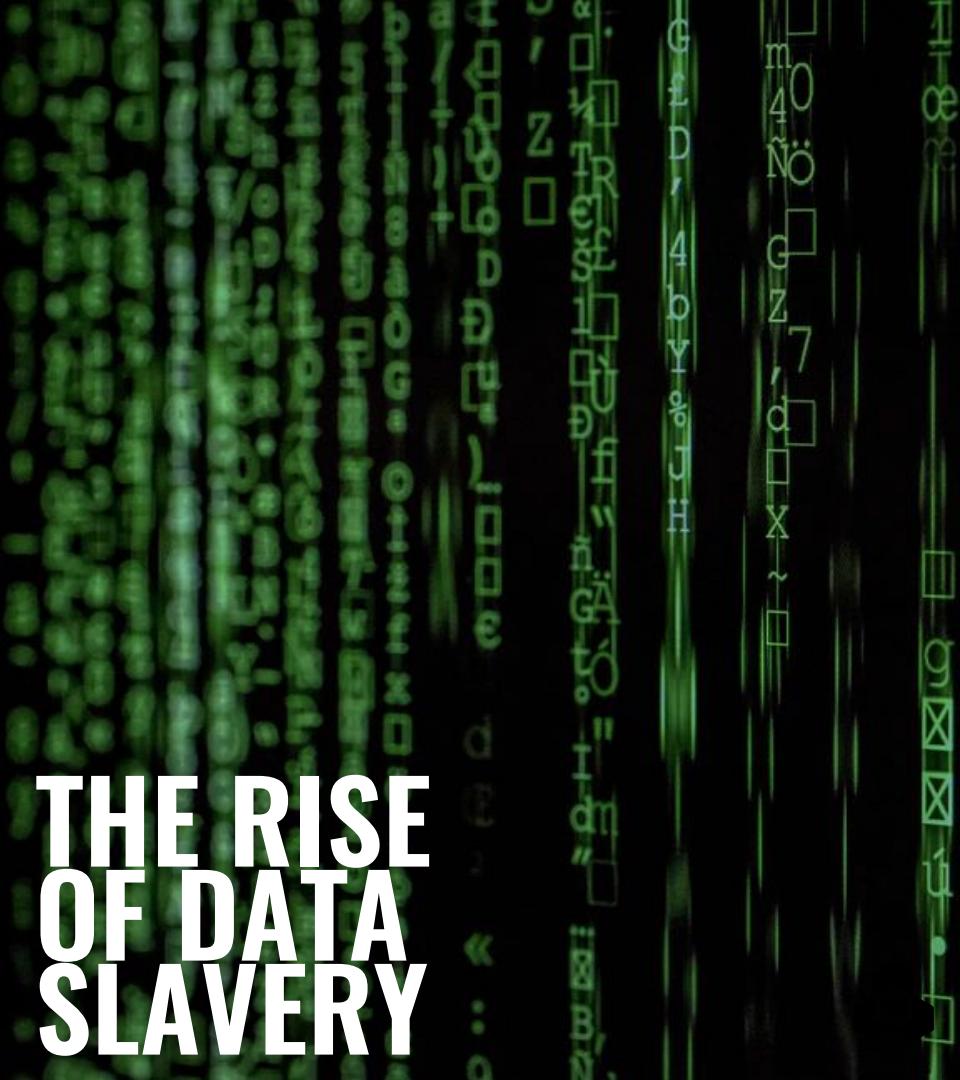


POWER CENTRALIZATION

100



THE FALL OF FOSSIL FUELS



THE RISE OF DATA SLAVERY

00

A LINEAR SYSTEM OF WASTE

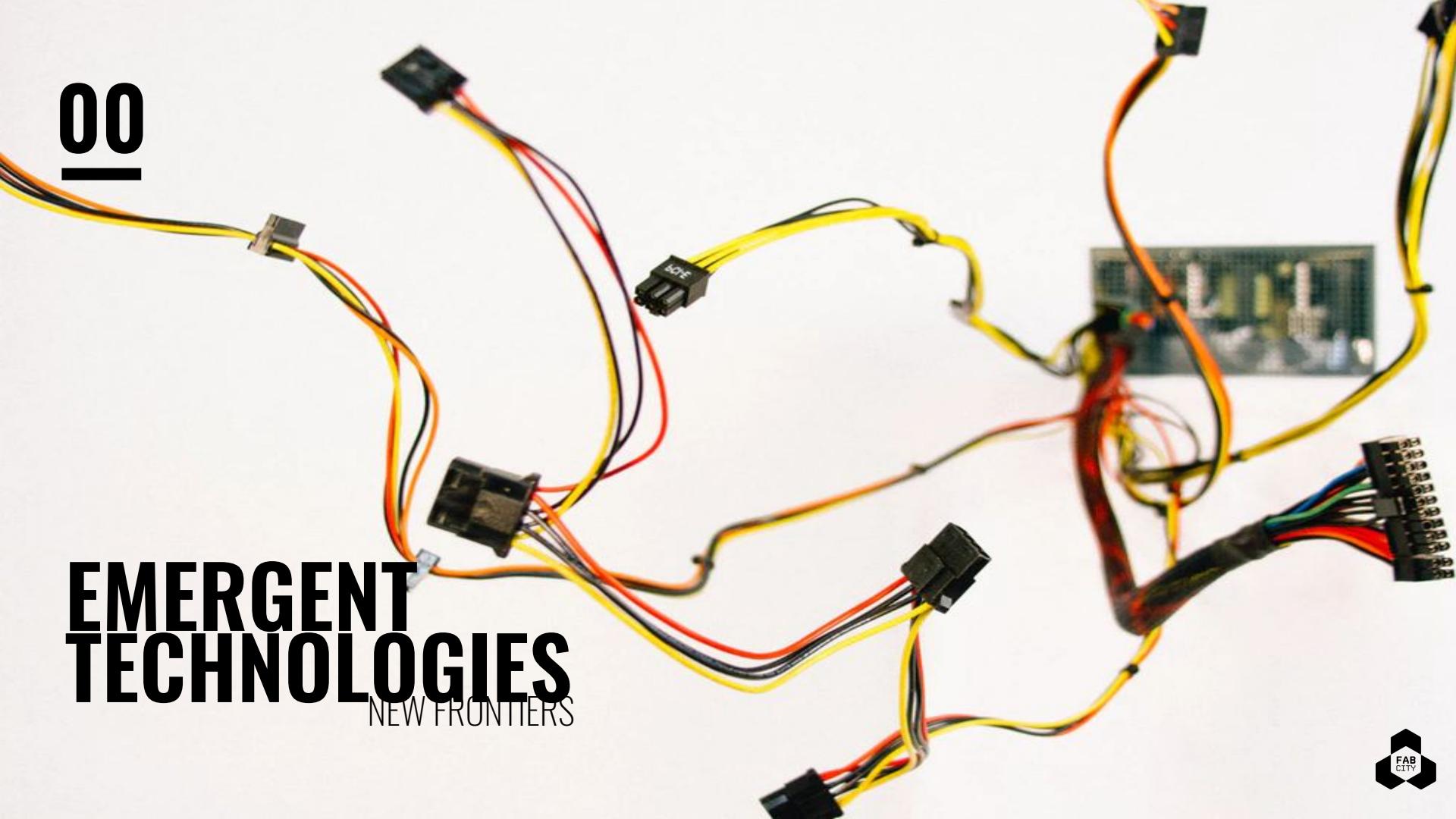
OUR INDUSTRIAL HANGOVER



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EMERGENT TECHNOLOGIES

NEW FRONTIERS



00



New forms of learning
The rise of the prosumer
New material abundance from waste
Alternative Energy
Urban Food production

THE RETURN OF THE MAKER



01

FAB CITY

A NEW PRODUCTION
AND CONSUMPTION
PARADIGM



01

WE'RE SHIFTING THE
PARADIGM FROM

PITO TO DIDO



01



FAB CITY GLOBAL INITIATIVE

Comprises:

Network of 28 cities

Collective of advocates

Fab City foundation



We prototype possible solutions to shift from the **Product-in**
Trash-out urban model to a **Data-in Data-out** model to
ensure locally productive, globally connected cities that
produce everything they consume by 2054.



01



WE ENGAGE

CITY, CITIZENS, START-UPS,
INDUSTRY, ACADEMY, NGOs

Our collaborators share our values:

- Ecological
- Inclusive
- Glocalism
- Education for employment
- Locally productive
- People-Centred
- Holistic
- Open source philosophy
- Experimental

01

OUR APPROACH

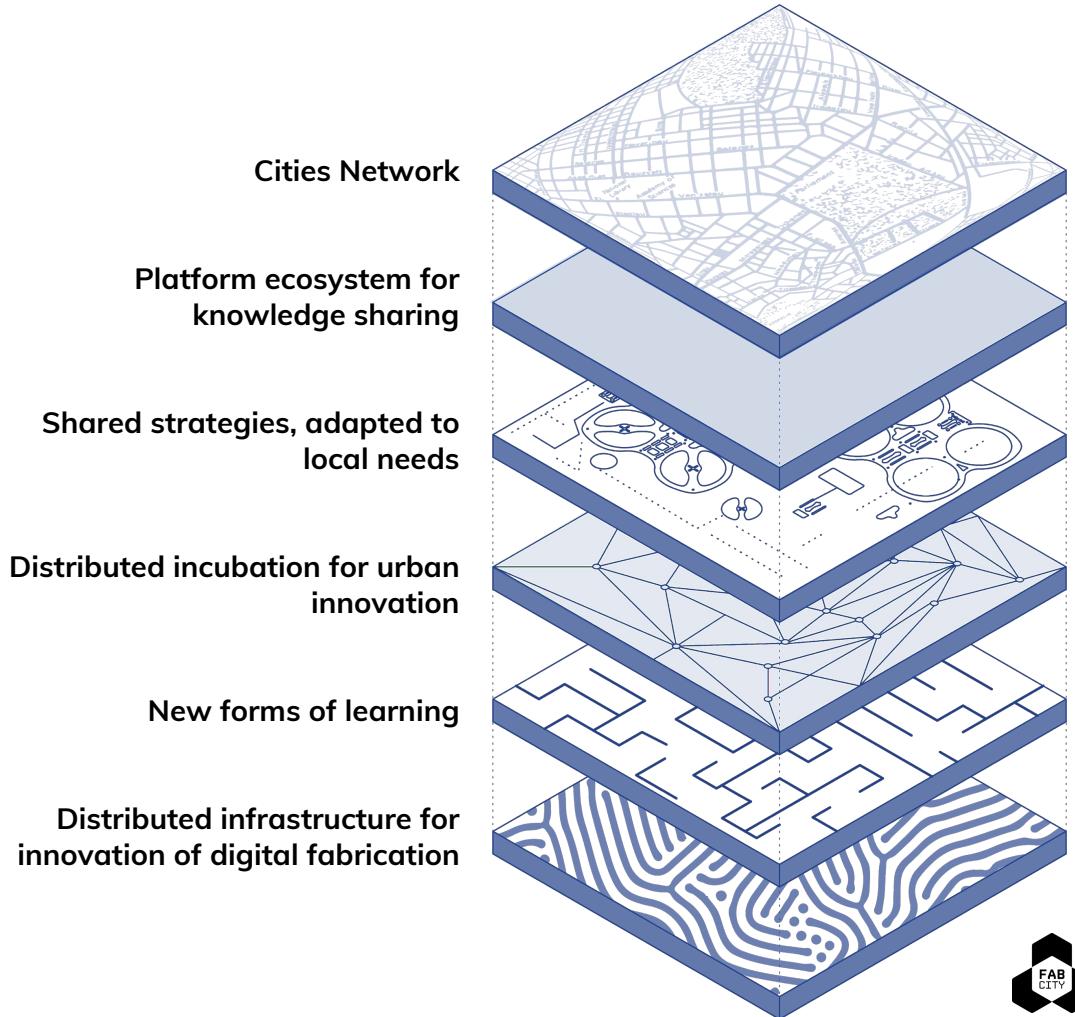
We prototype directly in the city through action research. This work is enhanced by global connectivity. We also advocate and educate for the Fab City vision through global events and partnerships



01

THE FULL STACK

The approach is applied across multiple levels in a full-stack approach to change the urban paradigm from the top-down and bottom-up



01



ROAD MAP

Together, we are collaboratively building our roadmap through experimentation and action research. We see every city as a place to prototype change.

02

OUR APPROACH

02

PROTOTYPE APPROACH

FAB CITY STRATEGY

The Fab City strategy is unique in that it addresses a range of environmental, social and economic objectives (carbon reduction, waste minimisation, relocalisation of manufacturing and work) in a systems approach by harnessing new technology and production approaches.



It extends the Fab Lab ideology to the city level, merging rapid prototyping and open-source documentation with connectivity, culture and creativity.



02



ACROSS 28 FAB CITY MEMBER LOCATIONS

BARCELONA	PARIS
EKURHULENI	SOMERVILLE
AMSTERDAM	OCCTANIE REGION
BHUTAN	SANTIAGO DE CHILE
BREST	DETROIT
CAMBRIDGE	KAMAKURA
SHENZHEN	PUEBLA
BOSTON	VELSEN
KERALA	SOROCABA
GEORGIA	MEXICO CITY
TOULOUSE	SEOUL
SACRAMENTO	ZAGREB
CURITIBA	OAKLAND
	BELO-HORIZONTE



02

WITH DIVERSE RESULTS

PROTOTYPE NEIGHBOURHOODS



Poblenou, Barcelona

Paris, France

02

PROTOTYPING INITIATIVES



FabVille education , Somerville US



Smart Citizen sensors, Barcelona

02

PLUS OPEN-SOURCE
DOCUMENTATION



Toolkits



Research and Incubation



Journaled experiences



02

SUPPORTED BY A
GROWING
NETWORK OF
PLATFORMS



Make Works - factory finders



Fablabs.io

MATERIOM

Home Materials Library Data

Nature's Recipe Book

Our mission is to enable everyone, everywhere to participate in the next generation of materials.

M
reci
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Materiom



02



A HOLISTIC APPROACH

The Fab City strategy is unique in that it addresses a range of environmental, social and economic objectives (carbon reduction, waste minimisation, relocalisation of manufacturing and work) in a systems approach by harnessing new technology and production approaches.

03

HOW CAN WE MEASURE IMPACT?

Barcelona

Barcelona / Catalonia / Spain

Resilience index

Education

Value at regional level
Value at country level

Jobs

Value at regional level
Value at country level

Income

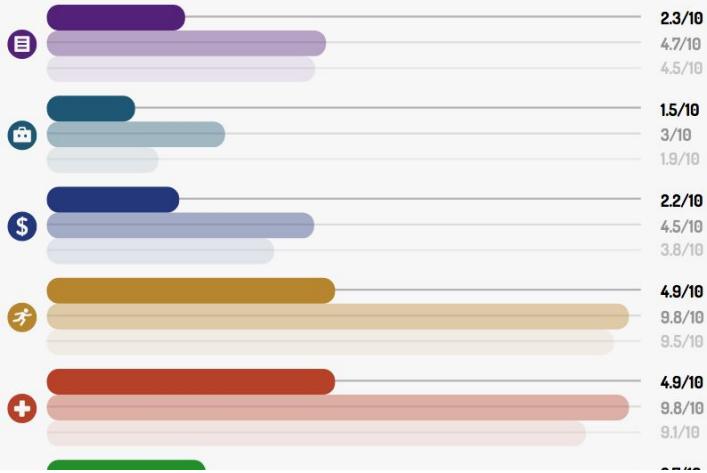
Value at regional level
Value at country level

Safety

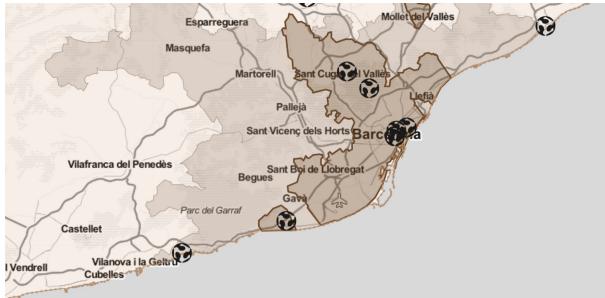
Value at regional level
Value at country level

Health

Value at regional level
Value at country level



Shared policy on open data about city metrics, will help to build the common infrastructure among cities: the Fab City Dashboard or Index. This is achieved by collaborating on defining and developing such metrics with network members and by cities providing data for such metrics as open data.
(Examples from Fab City Dashboard data visualiser)



OPEN DATA SETS

03



SMART CITIES to SMART CITIZENS

Fab City engages city users in reimagining the possibilities of urban infrastructure that takes advantage of technology for the benefit of people. New approaches to education including life-long learning and STEAM present new employment opportunities in a democratic manner

04

**READY TO JOIN
THE FAB CITY
NETWORK?**



04

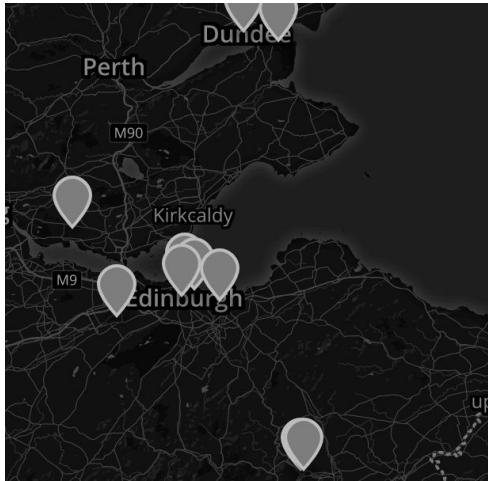
YOUR ROADMAP TO THE FAB CITY PLEDGE, HELD ANNUALLY

1 - ALIGN VALUES



Fab City manifesto

2 - MAP ECOSYSTEM



Make Works Toolkit

2 - GATHER SUPPORT



Citizen, Fablab, City Hall

04



HOW TO JOIN?



Contact Fab City Global Initiative to apply to pledge at the annual Fab City event!

Complete all steps to connect your city to the wealth of knowledge shared in the Fab City network. Join us to create systemic change to better the planet and its people.





@fabcityglobal

VISIT
www.fab.city

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