

Barcelona 5.0

production, talent & networks,
regenerating the cities of the future

XVIIIth

XIXth

XXth century...

DWELLING



MACHINE FOR LIVING



CITY



**MACHINE FOR
"PRODUCING & CONSUMING"**



1350-1705



1716-1854



1855-1920



TODAY

Barcelona, a history of production, socialization and changes



LE PLAN DE BARCELONNE ET DE SES ENVIRONS.

*Très-exactement Levés sur les Lieux, par un Ingenieur,
en 1706. Mis au jour,
à Amsterdam par Nicolas Visscher, avec Privilège.*

PLATTE GROND, DER STERCKE STAD, en CASTEEL

BARCELONA,

*En de omleggende Plaatsen, naa t' Orgineel
geteekent, en uyt gegeven tot Amstelaam
door Nicolaus Visscher, met Privilègie.*

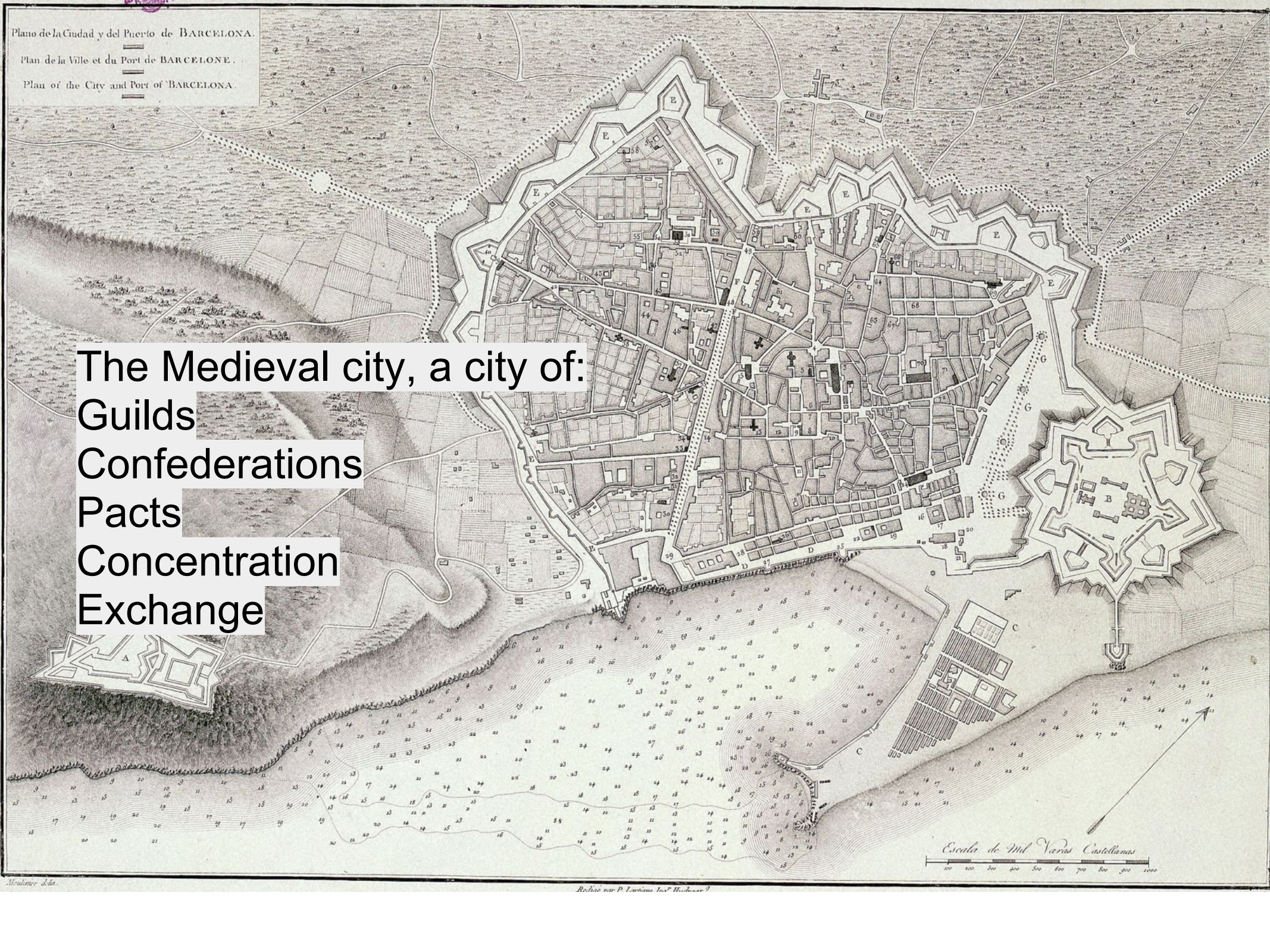
Echelle de quatre cent Toises.
50 100 200 300 400

A network of sharing products
and goods

M E R M E D I T E R R A N E E

Plano de la Ciudad y del Puerto de BARCELONA.
Plan de la Ville et du Port de BARCELONE.
Plan of the City and Port of BARCELONA.

The Medieval city, a city of:
Guilds
Confederations
Pacts
Concentration
Exchange



Escala de Mil Varas Castellanas
0 100 200 300 400 500 600 700 800 900 1000

Rebis por P. Luviano Insc. Huelgas 2

Plano de la Ciudad y del Puerto de BARCELONA.
Plan de la Ville et du Port de BARCELONE.
Plan of the City and Port of BARCELONA.

Growing inside
empowerment of
exchange and local
networks



safety ring of the city



Plano de la Ciudad y del Puerto de BARCELONA.
Plan de la Ville et du Port de BARCELONE.
Plan of the City and Port of BARCELONA.

insanity

politics

people

collapse

bank

public services

mass production

cosmopolitanism

industrial revolution

analphabetism

church

ideology

elite

knowledge

tradition

influence

class conflict

capital of Catalonia

industrial capital of Spain

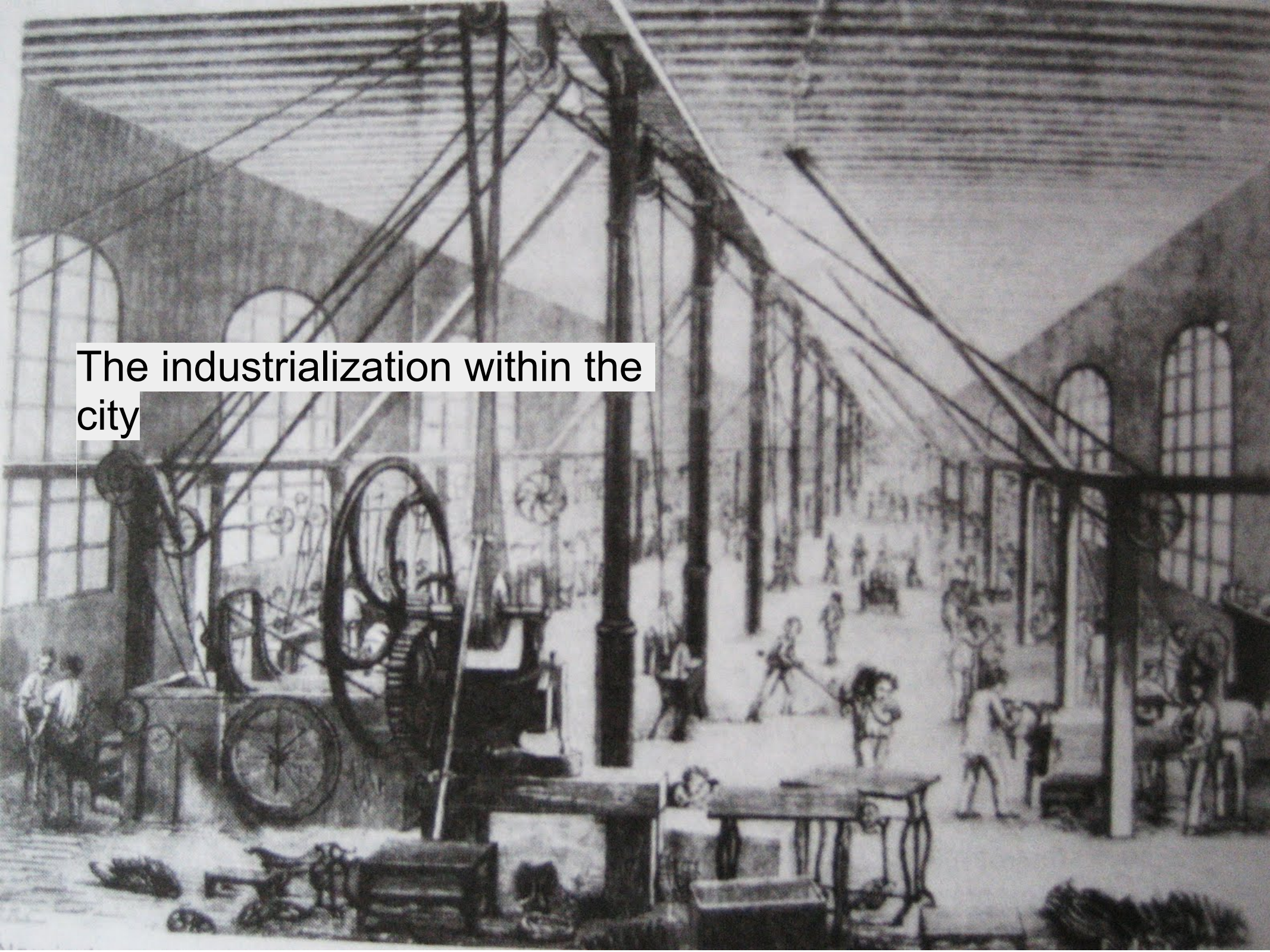
university

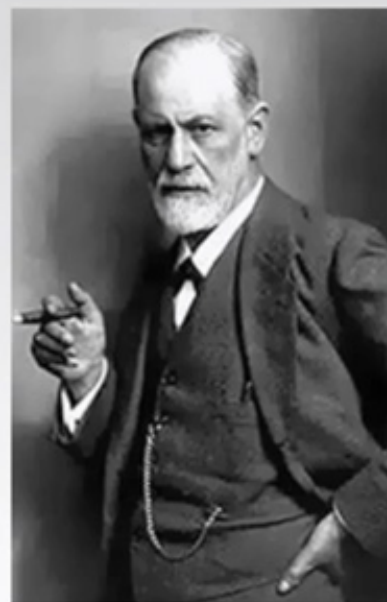
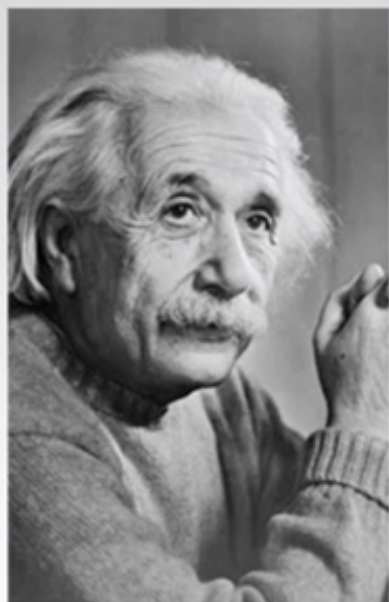
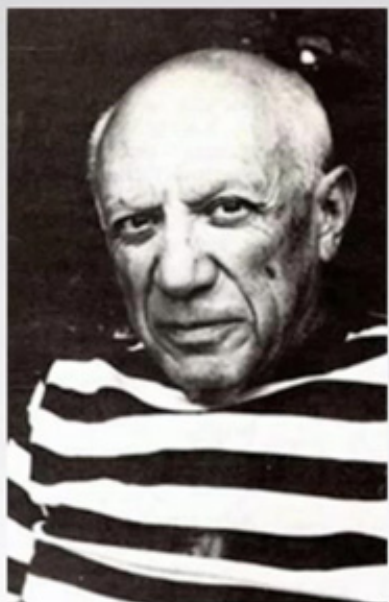
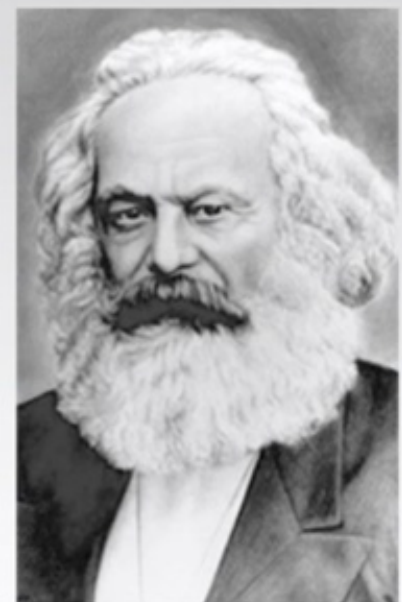
housing problems

anticlericalism

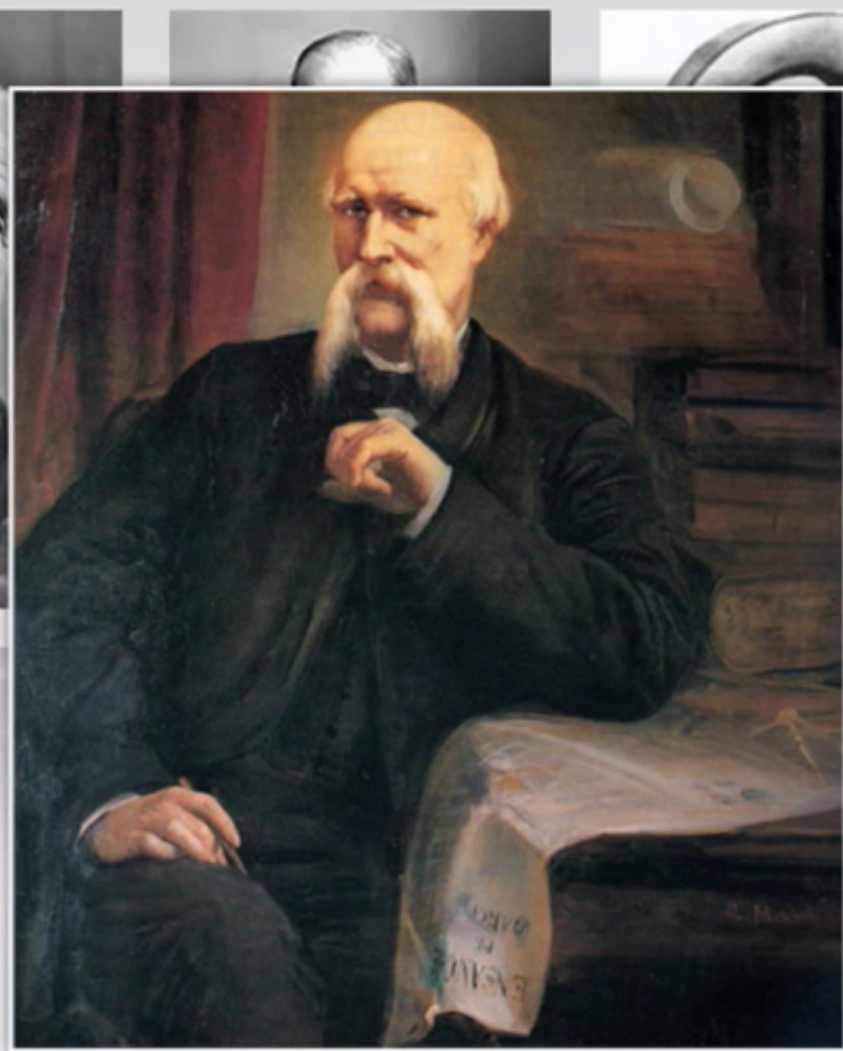
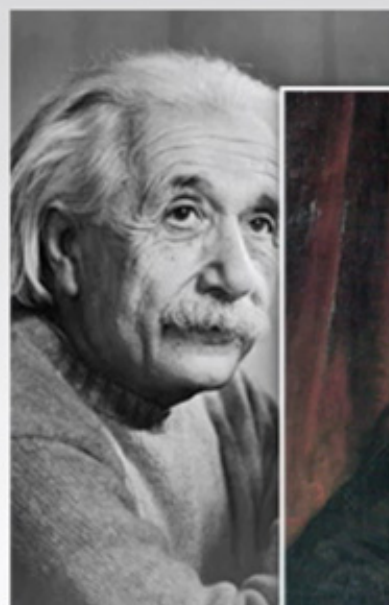
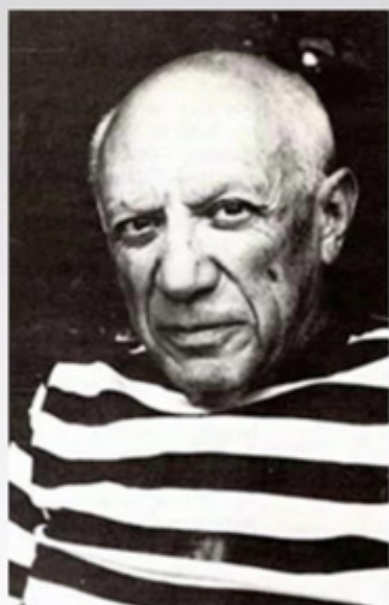
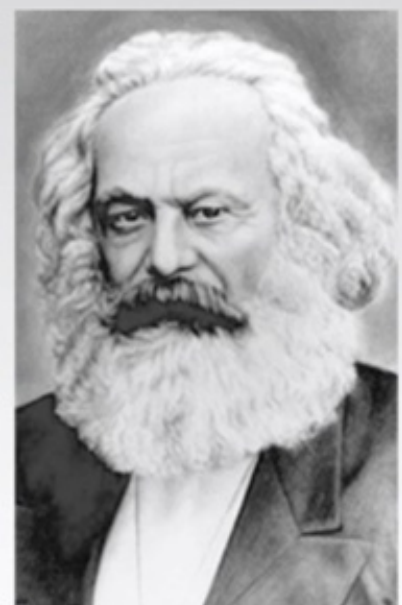
Escala de Mil Varas Castellanas
0 100 200 300 400 500 600 700 800 900 1000

The industrialization within the city





Prophets

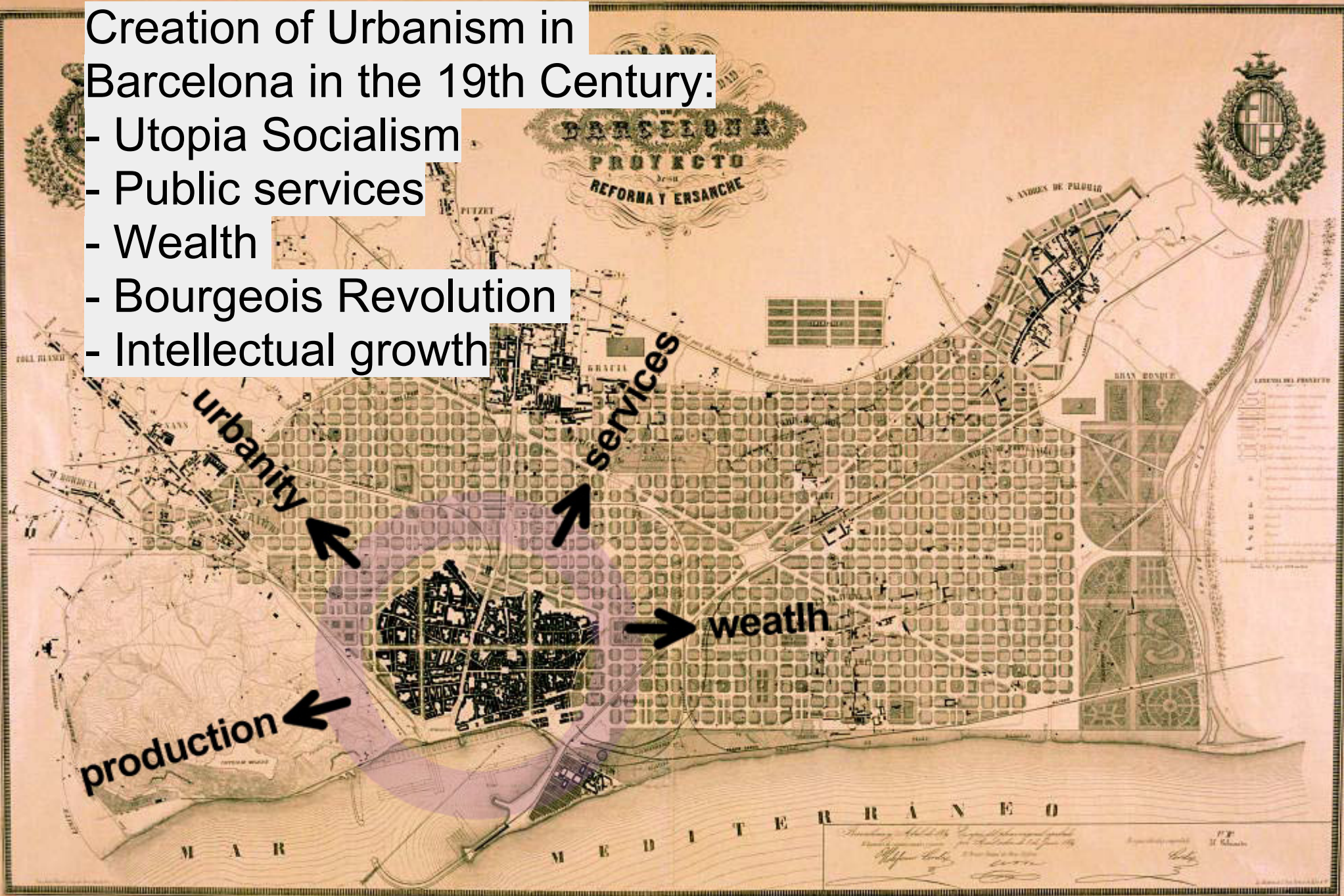


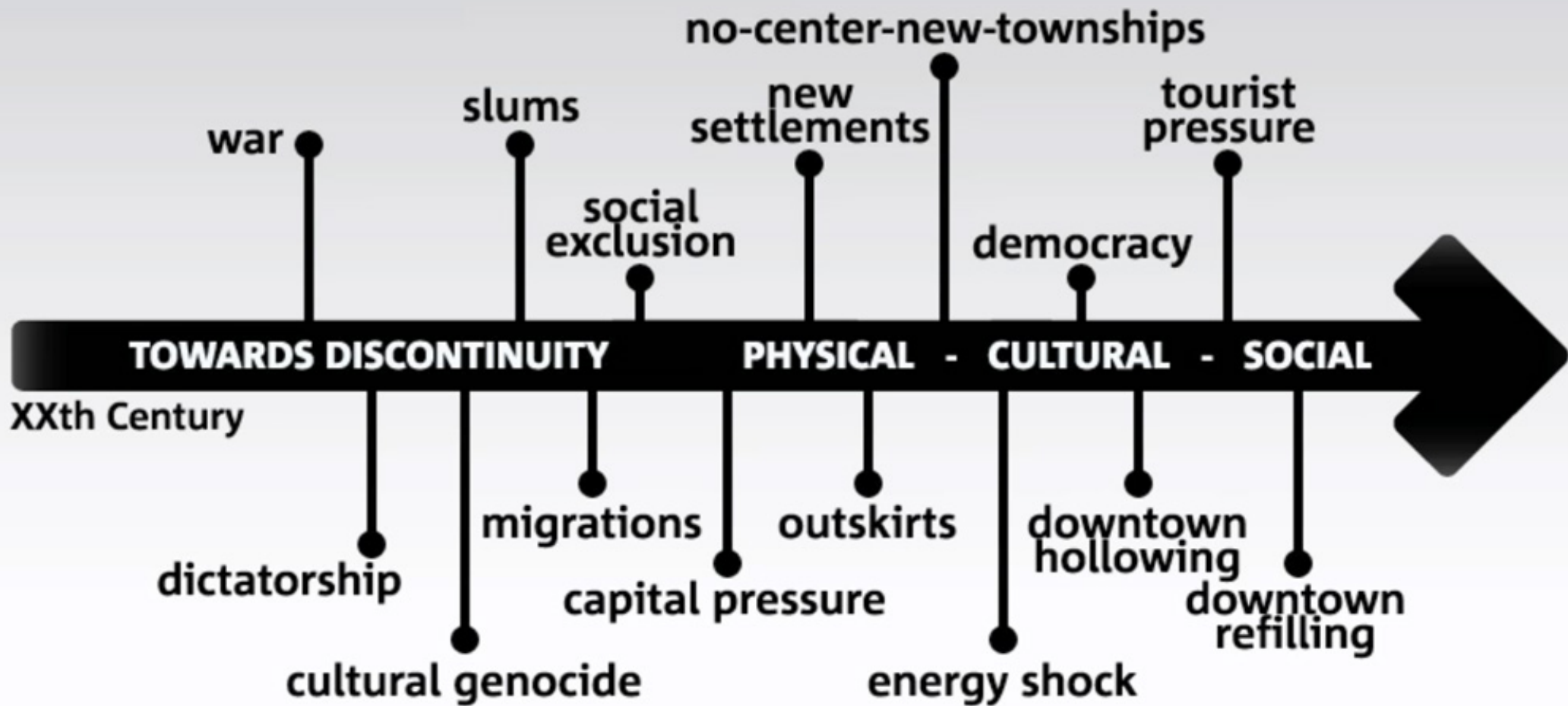
Ildefons Cerdà

Prophets

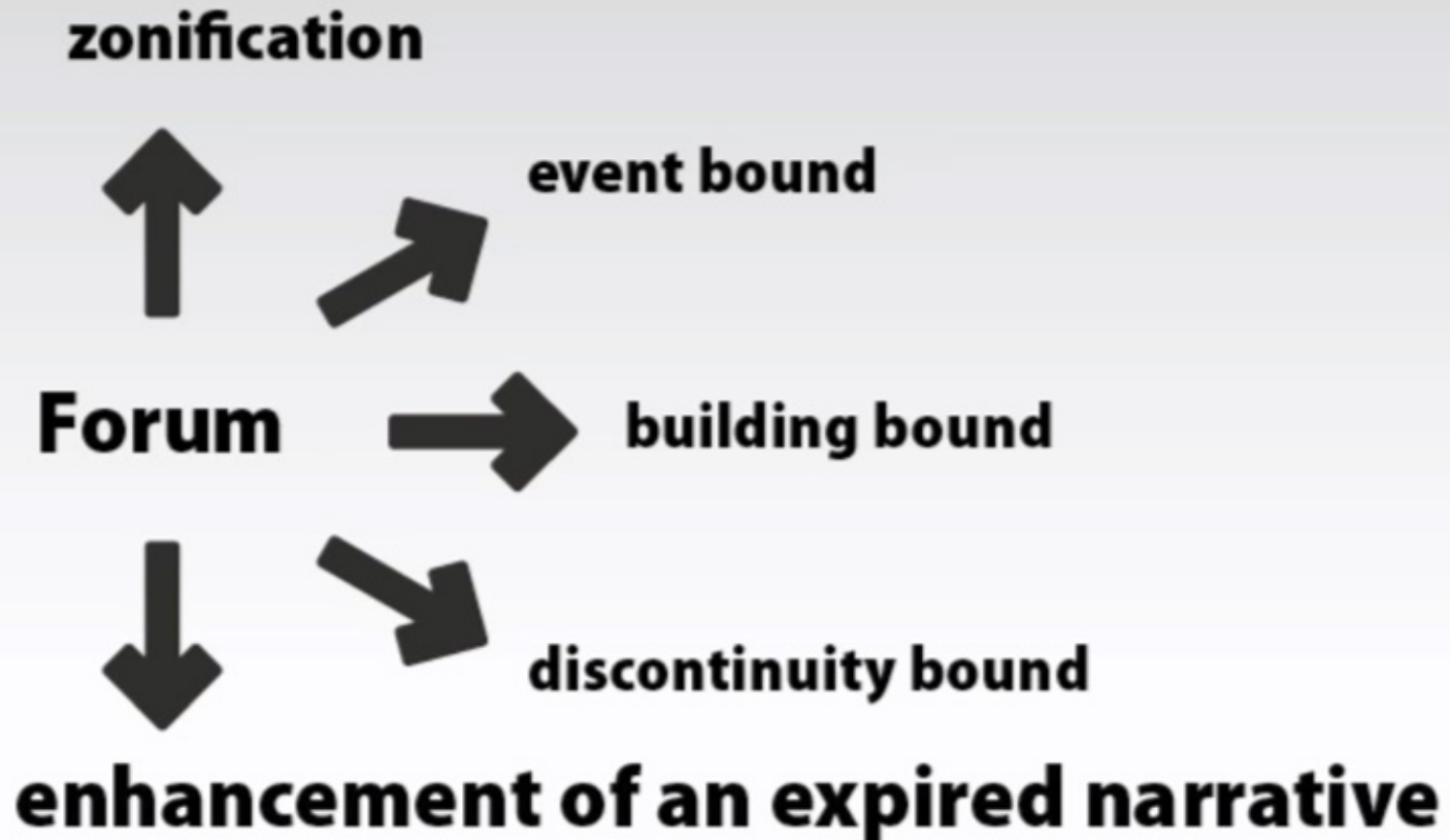
Creation of Urbanism in Barcelona in the 19th Century:

- Utopia Socialism
- Public services
- Wealth
- Bourgeois Revolution
- Intellectual growth





BARCELONA... WE TRIED... WE FAILED



A city based on tourism,
spectacle and culture
with a show-
business architecture
and urban planning



The recent changes in Barcelona have been morphological, geometrical and spatial, based on speculative models.

PITO: Product In, Trash Out

The future is in the optimization of networks,
the value of knowledge and energy
production and sharing, based on intelligent
networks of people and things

DIDO: Data In, Data Out.

**BARCELONA CITY HABITAT=
NATURE +
INFRASTRUCTURES +
URBANISM +
ITC**



THE CHALLENGE: CREATION OF COMMODITIES WITHIN THE CITY



CLEAN ENERGY



NATURE



SUSTAINABLE MOBILITY



RESEARCH COMPROMISED WITH NATURE



TECHNOLOGY

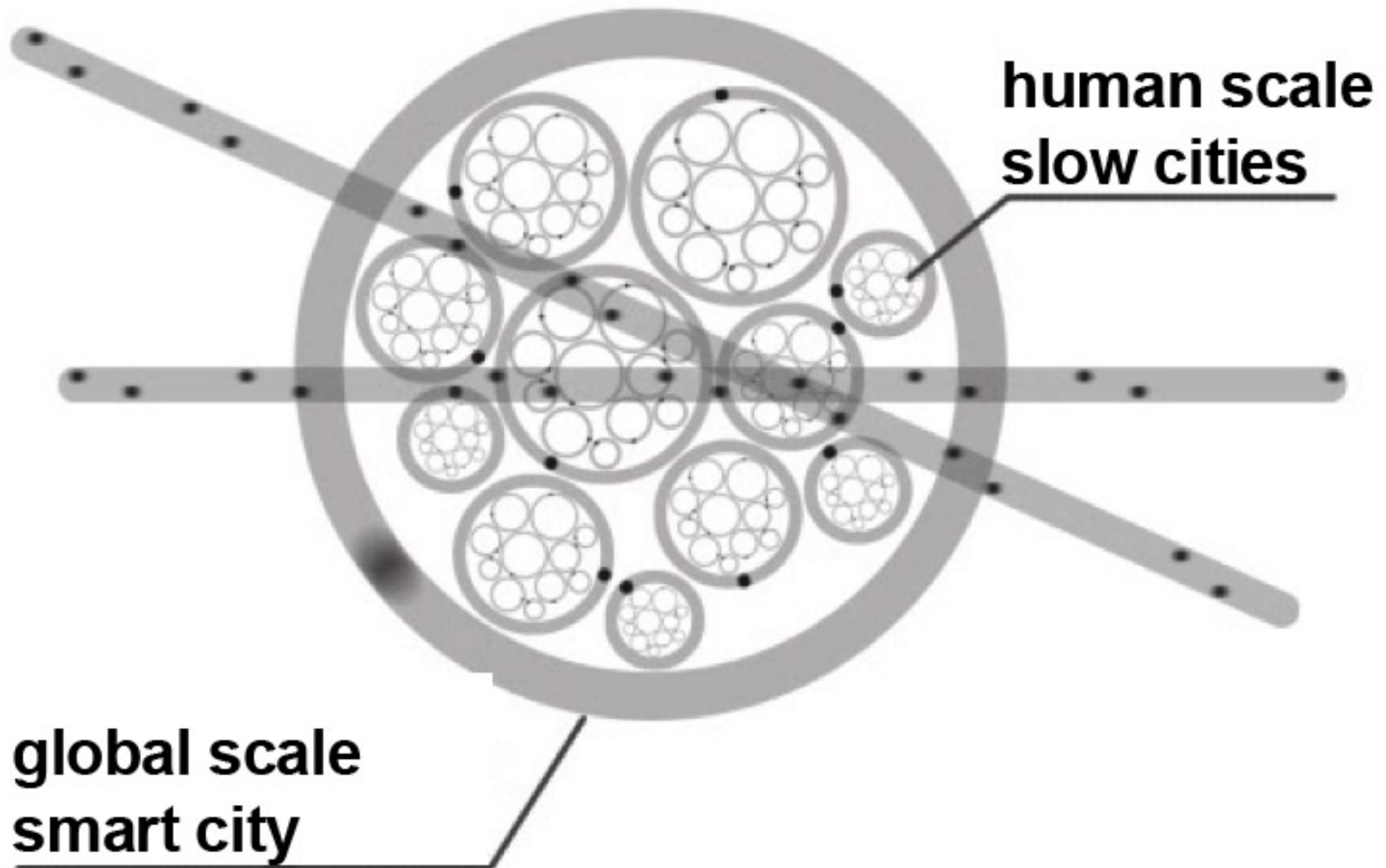


RE-USE OF WASTE



SERVICES

CITY OF MULTIPLE SPEEDS AND SCALES



CITY AS A PRODUCTION CENTER

How can we envision the Barcelona of tomorrow?

Can we empower the networks of productive citizens?

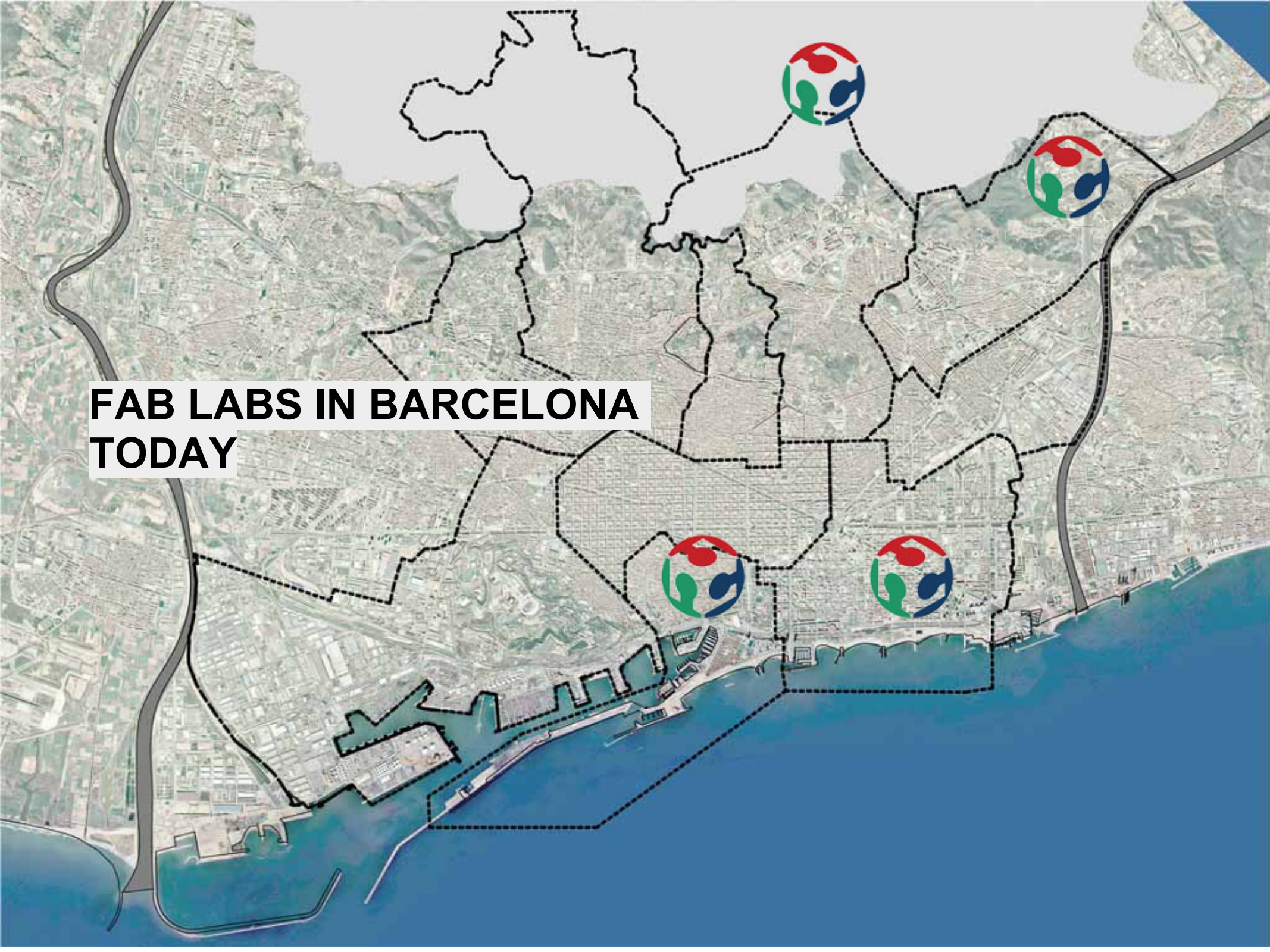
Are there platforms for sharing, production and innovation?

Do our cities produce knowledge?

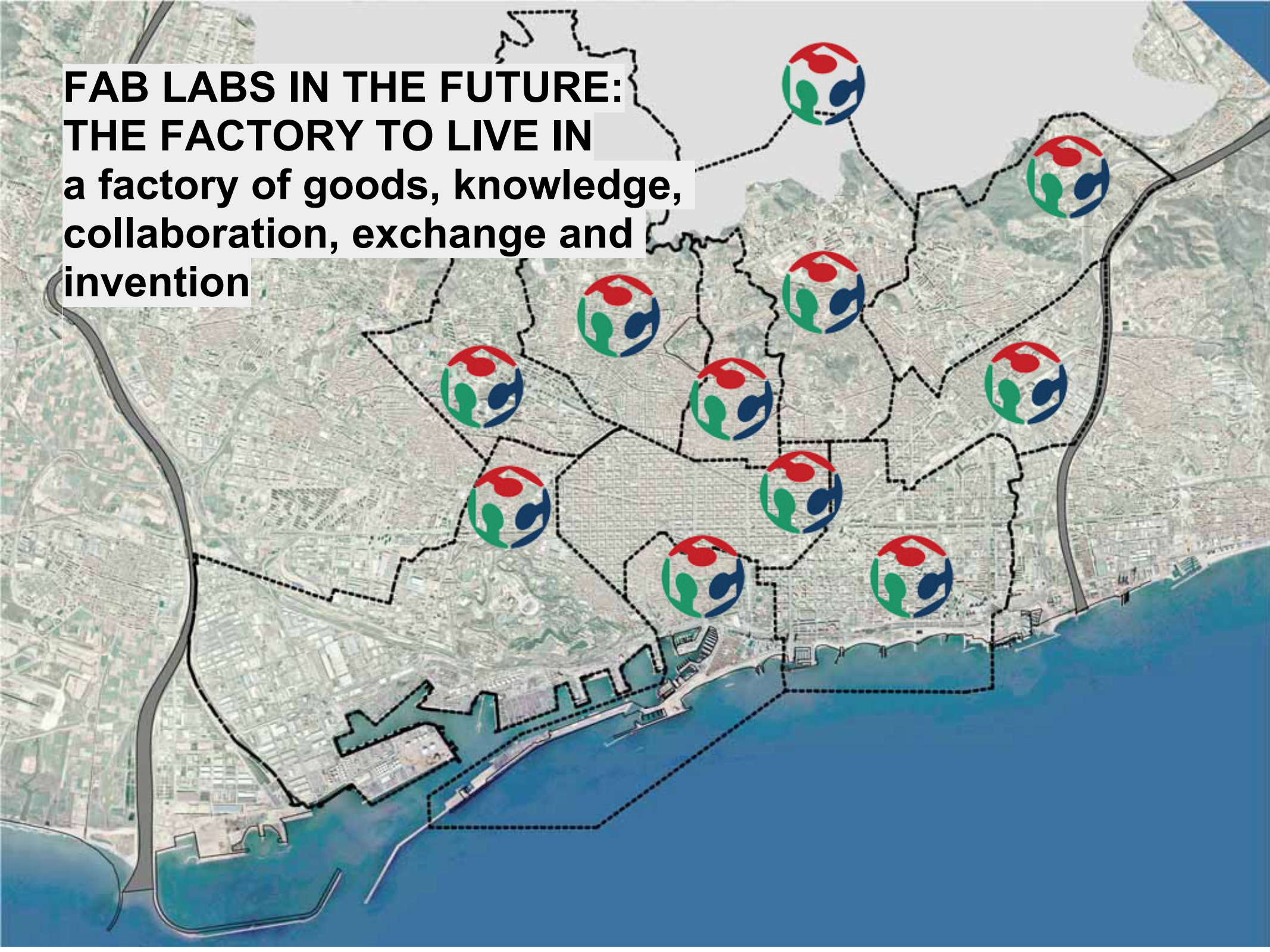
Is the digital era finished?

Are we entering in the prosumer era?

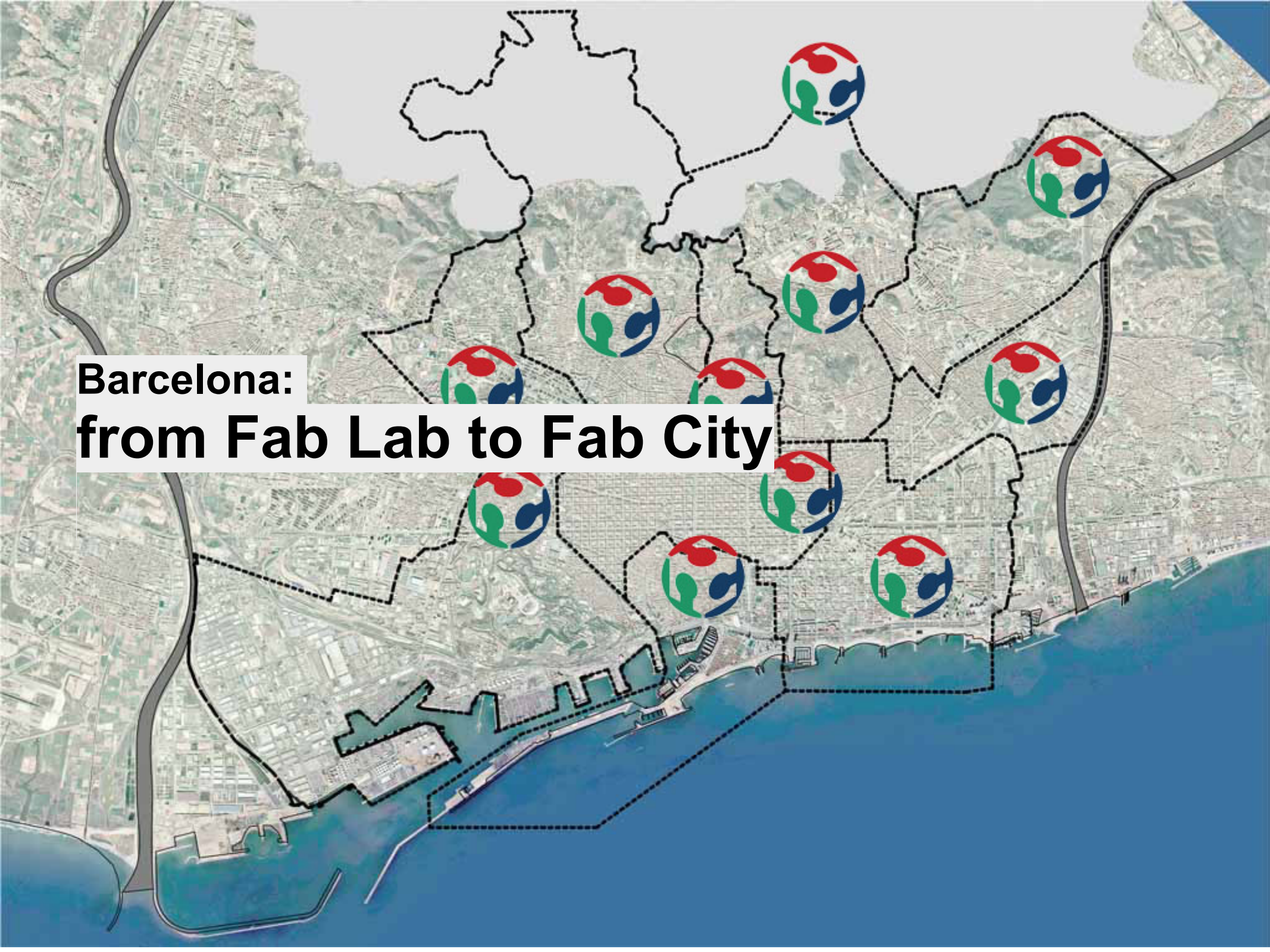
FAB LABS IN BARCELONA TODAY



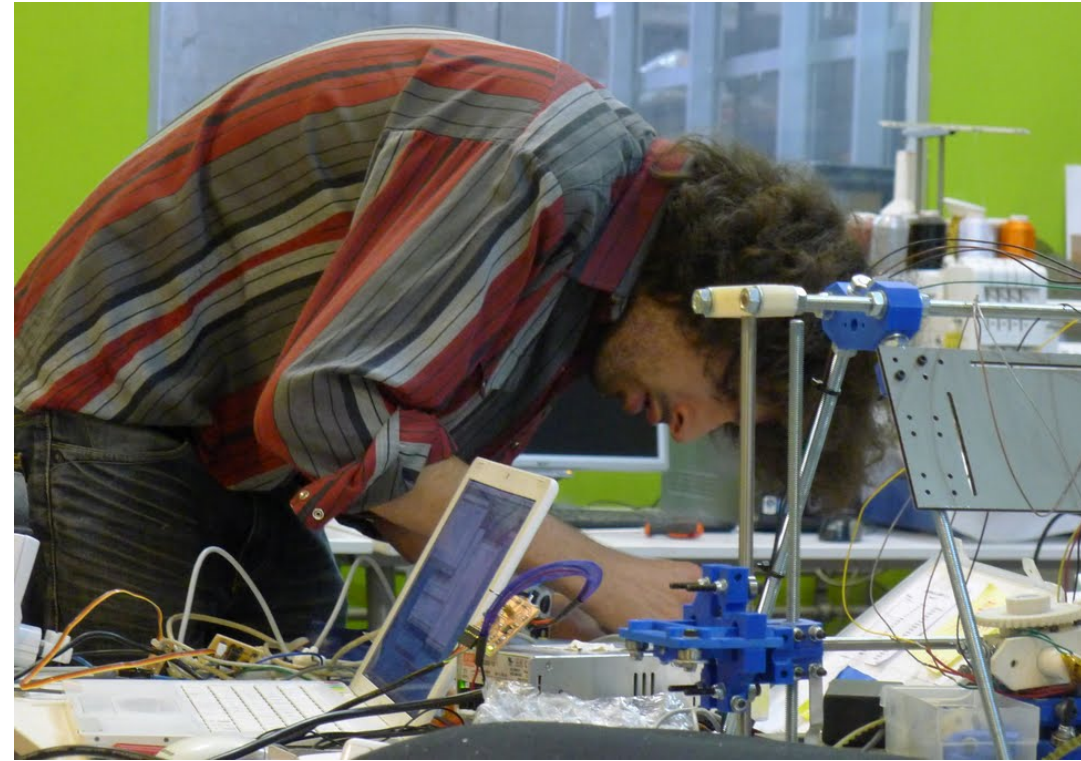
**FAB LABS IN THE FUTURE:
THE FACTORY TO LIVE IN**
a factory of goods, knowledge,
collaboration, exchange and
invention



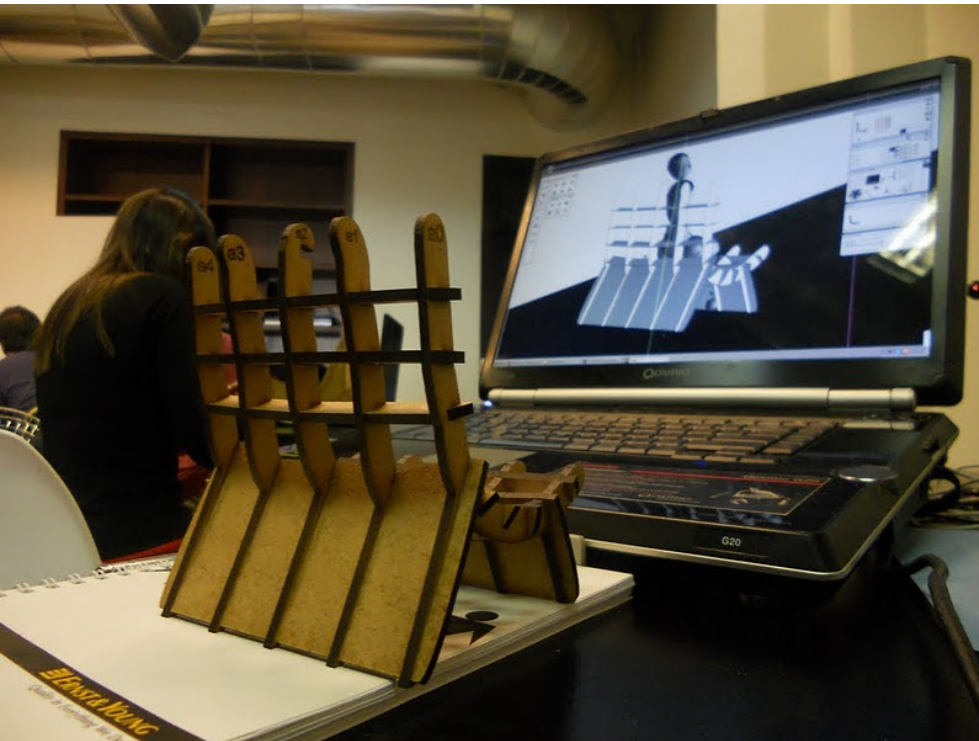
**Barcelona:
from Fab Lab to Fab City**



PRODUCTION OF TALENT AND KNOWLEDGE

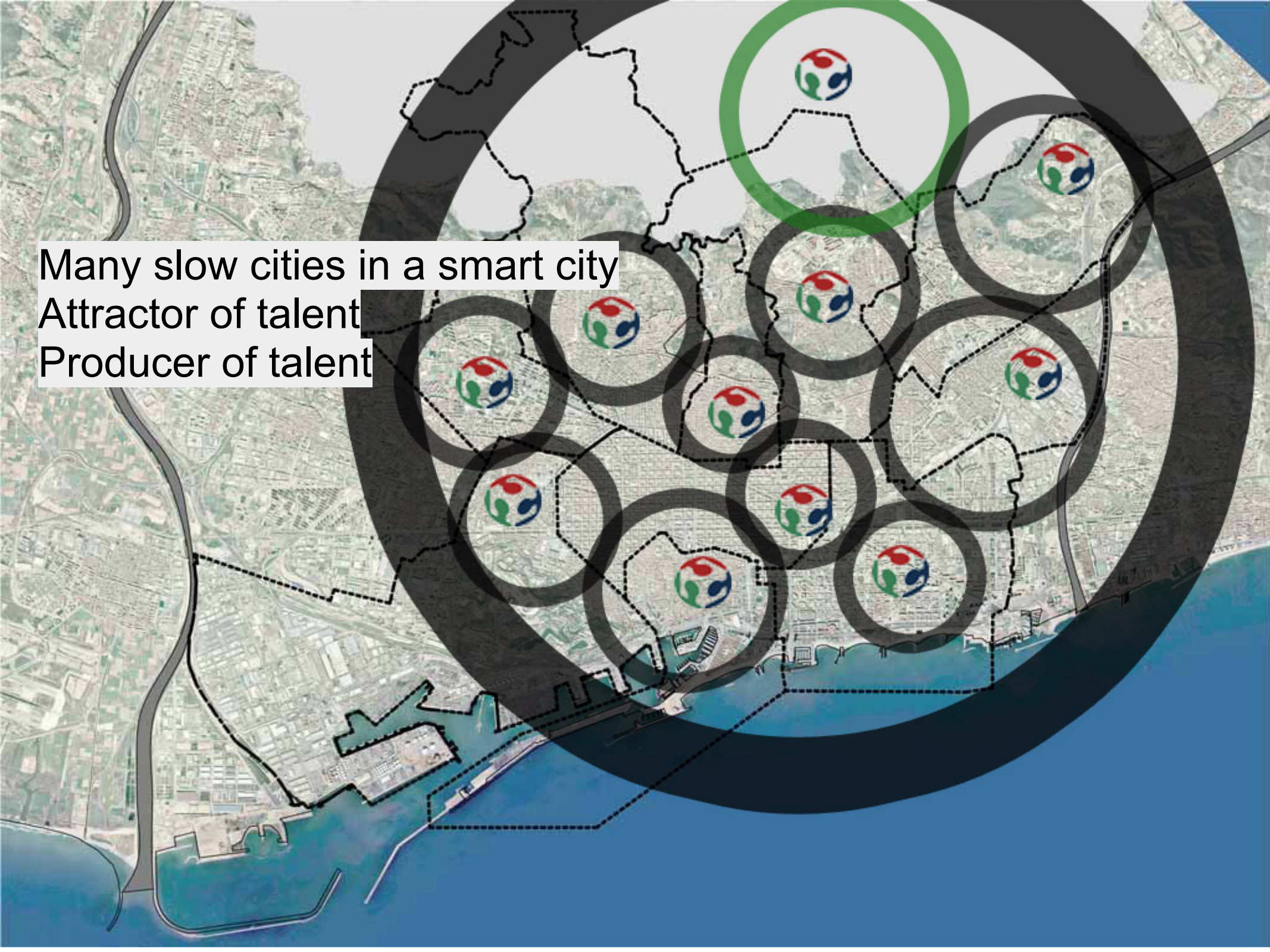


PRODUCTION OF GOODS AND SERVICES





Many slow cities in a smart city
Attractor of talent
Producer of talent





From Fab Cities to Fab World

