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"
Barcelona, a history of production, socialization and changes
A network of sharing products and goods
The Medieval city, a city of:
Guilds
Confederations
Pacts
Concentration
Exchange
Growing inside empowerment of exchange and local networks

safety ring of the city
The industrialization within the city
Creation of Urbanism in Barcelona in the 19th Century:
- Utopia Socialism
- Public services
- Wealth
- Bourgeois Revolution
- Intellectual growth
BARCELONA... WE TRIED... WE FAILED

zonification

↑

event bound

Forum

→

building bound

↓

discontinuity bound

enhancement of an expired narrative
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

- Human scale
- Slow cities

- Global scale
- Smart city
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