three dimensions of the digital city

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technopolitics in urban regeneration

co-creating public spaces

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people

things

nature

digital technologies reoganize internal & external relations

drivers of digital transformation

put simply: rise in complexity

more entities,

more diversity,

more interaction

existing institutions forms

are reaching their limits

forces of production

relations of production

crisis

transformation or stagnation

new social system

or collapse

dimension I, people

knowledge work

diversity of social norms

globalization/post-colonialism

since the late 1960s,

crisis of presentation in culture and politics

since the late 1990s,

new norms and new institutions

capable of dealing with large information flows and high diversity

what we need:

complex forms of deliberation

collaborative self-learning

shared knowledge spaces

citizen journalism

open governments

what the market produced:
drive for meaningless engagement

surveillance capitalism

extraction of data

concentration of power

social inequality

necessary transformation of social institutions, gone wrong

dimension II, things:

since late 1970s

urban crises

end of modernity as urban paradigm

"post-industrial" transformation

intensification of social & material circulation

since the early 2000s

smart city

implementation of sensors and processors

gather real-time data

dynamic management of infrastructures

what we need:

collective action based on shared

knowledge of collective dynamics

what we need:

new collective services

participatory democracy

technological sovereignty

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new collective services

participatory democracy

technological sovereignty

what the market is likely to deliver:

centralized control as "efficiency"

privatization of infrastructure

new dependencies & social inequality

dimension III, nature:

since the late 1980s

ecological crises

expansion of industrial production

intensification of resource use

global consumerism

since 2010s

from "gaia" to "natureculture"

new scientific methods

implementation of sensors and processors

gather real-time data

dynamic management of ecosystems

what we need:

New understanding of ~~"posthumanity"~~

relations based on "care"

repair

what the market is likely to deliver:

increased resource exploitation

«geo-engineering»

social inequality

as complexity rises, so does the need to transform our social, urban and environmental relations.

who will control these new dynamic instrastructure and in whose interest is the new complexity organized?

for the city, the time is now!

for the city, the time is now!

technological transformation without democratic transformation creates authoritarian systems