

Technopolitics: the building of new citizen governance models

Iaac

Institute for
advanced
architecture
of Catalonia

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May 9, 2017, Barcelona

Governance?

Socioeconomic development

Socioeconomic
development



Individual
resources


```
graph LR; A[Socioeconomic development] --> B[Individual resources]; B --> C[Objective choice];
```

Socioeconomic
development

Individual
resources

Objective
choice

Change in values

Socioeconomic
development



Individual
resources

Change in values



Emancipative
values

Socioeconomic
development



Individual
resources



Objective
choice



Change in values



Emancipative
values



Subjective
choice

Democratization

Change in values

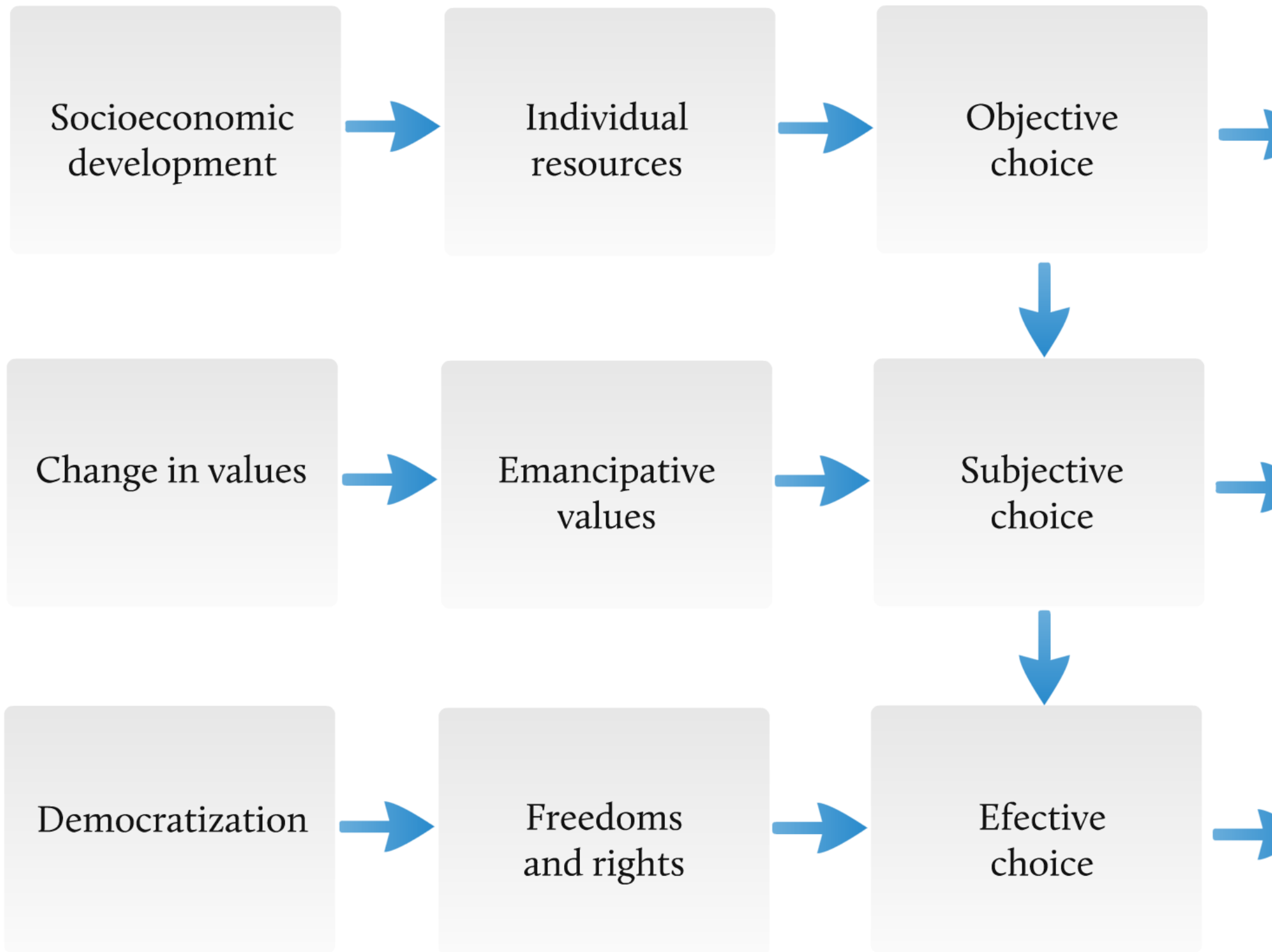


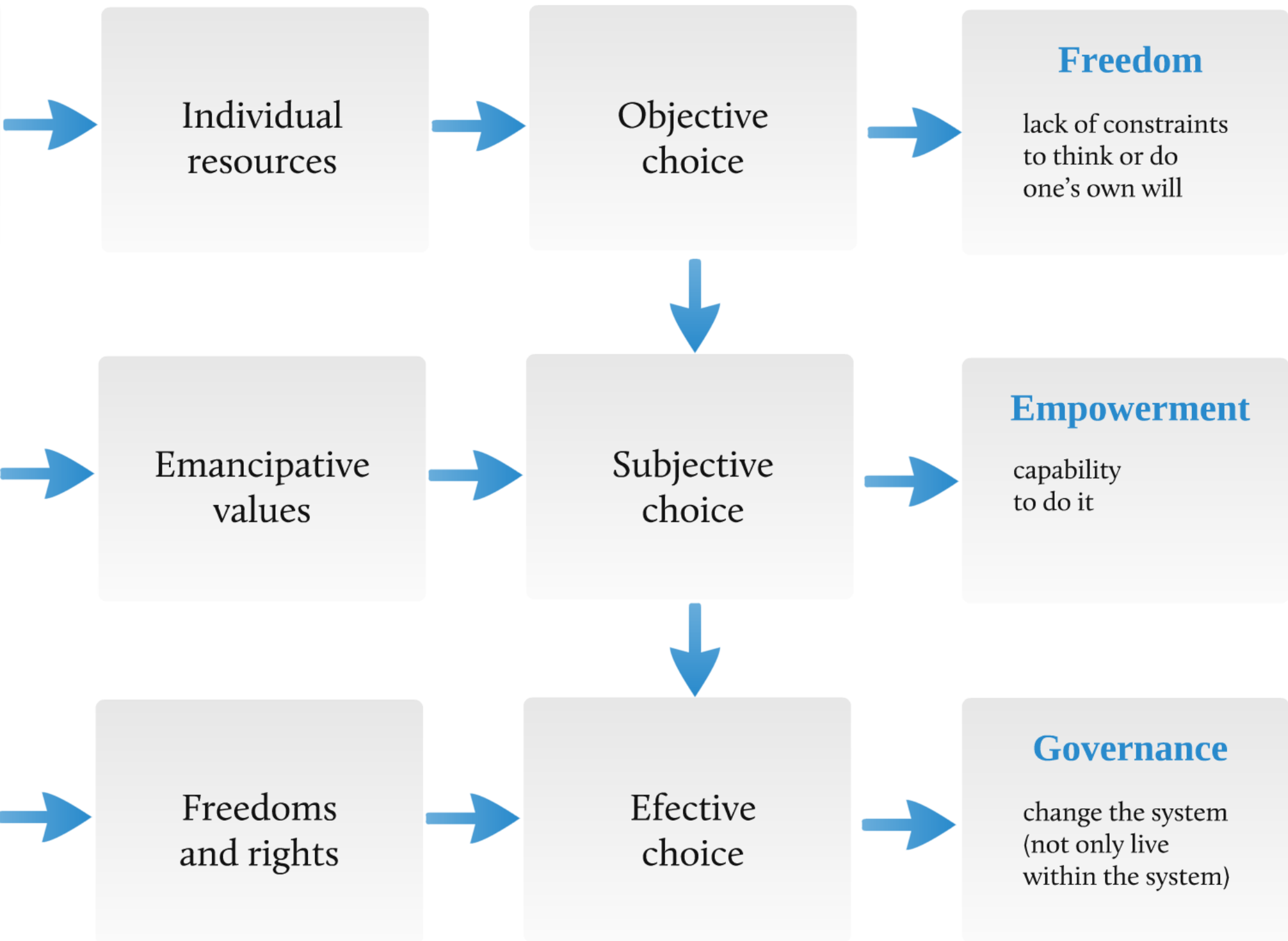
Emancipative
values

Democratization




Freedoms
and rights





Decision
making...
what are we
talking about?



Diagnosis

Deliberation

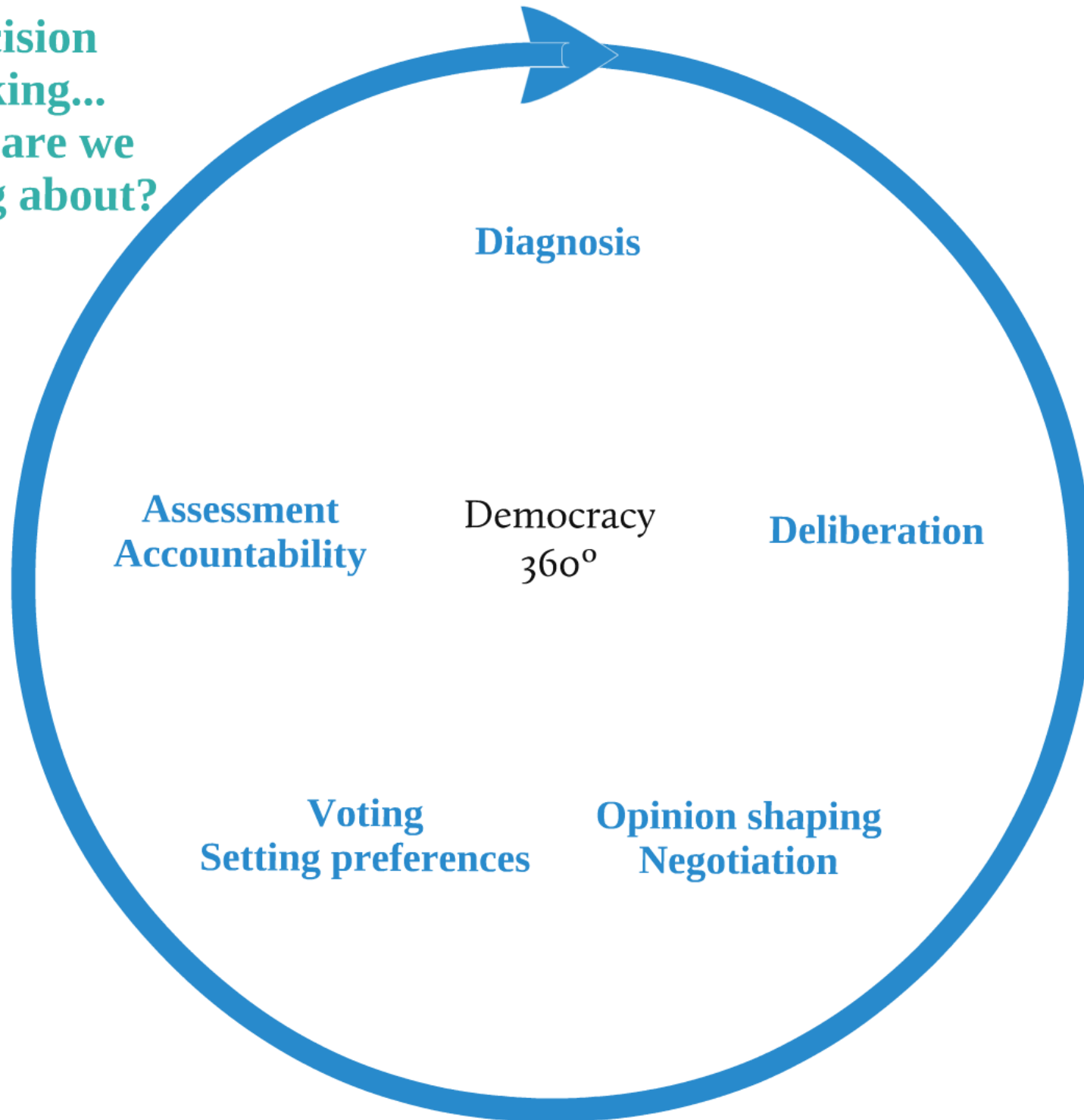
Opinion shaping Negotiation

Voting

Setting preferences

Assessment Accountability

**Decision
making...
what are we
talking about?**



Fancy a game?



Spreadsheet for the game:

Peña-López, I. (2017). *Technopolitics: the building of new citizen governance models*. Lecture at the Master in City & Technology, Insitute for advanced architecture of Catalonia, May 9, 2017, Barcelona. Barcelona: IAAC.

<http://w.ictlogy.net/3388>

Participation?
Engagement?
Development?

Direct democracy

Total sovereignty

Low complexity

The citizen rules

Representative democracy

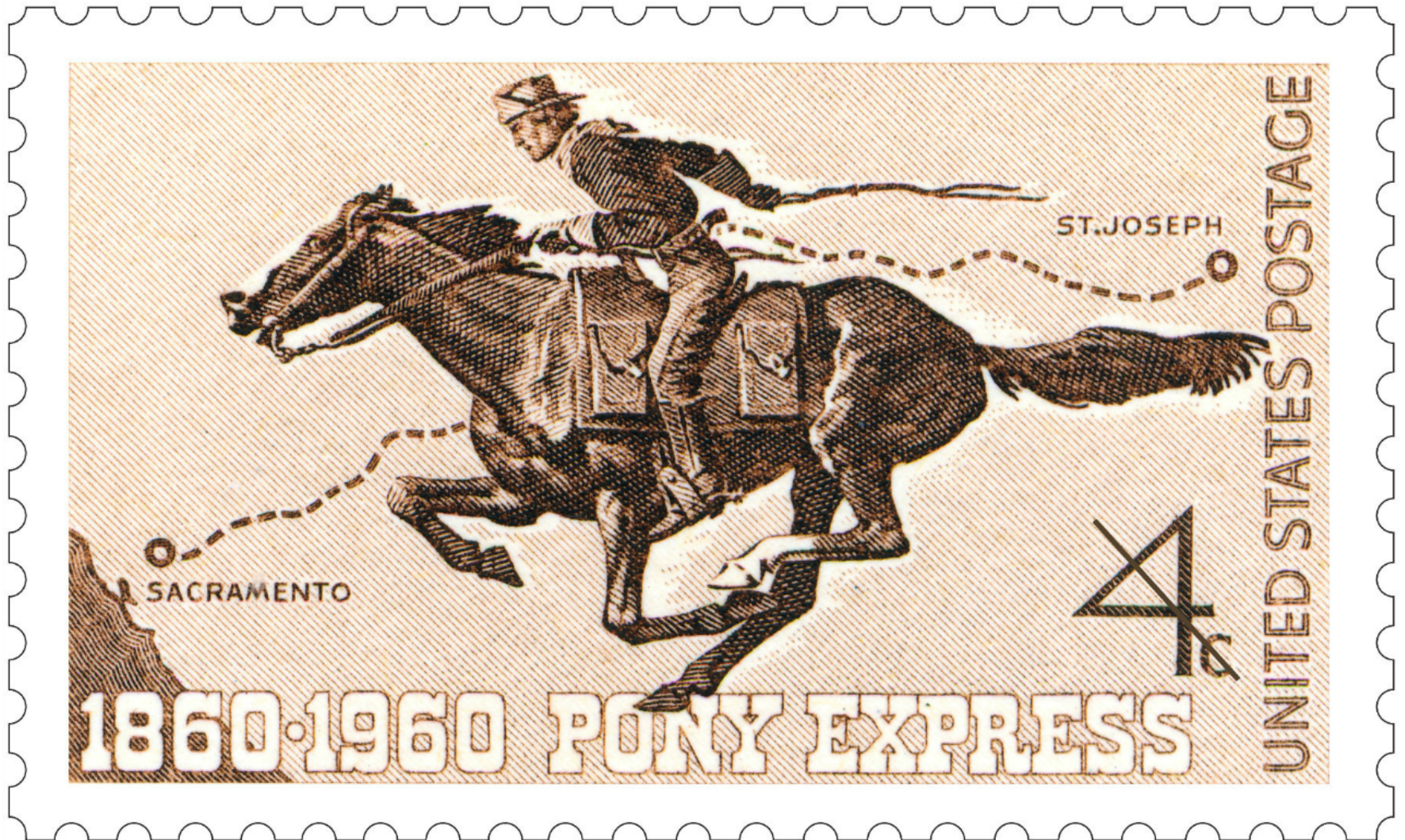
Sovereignty shift to intermediaries
High complexity

The citizen delegates

The cost of information



The cost of communication



The cost of participation



Participation and industrial society

regular / project, with planning

High setup costs / investments

High coordination costs / operation

Scarcity of resources / inputs



collective, within an organization



reactive, when the boss of the hierarchy says so



Industrial democracy

Freedom

++

Empowerment

~

Governance

--

(new)

(e-)

Participation

Participation and digital society

regular / project, with planning

Low
High setup costs / investments

Low
High coordination costs / operation

NO
Scarcity of resources / inputs

collective, within an organization

reactive, when the boss of the hierarchy says so



Participation and digital society

regular / project, with planning

High setup costs / investments

High coordination costs / operation

Scarcity of resources / inputs

collective, within an organization

reactive, when the boss of the hierarchy says so

Democracy + Internet = ?





Rodotà, S. (1997).
Tecnopolitica.



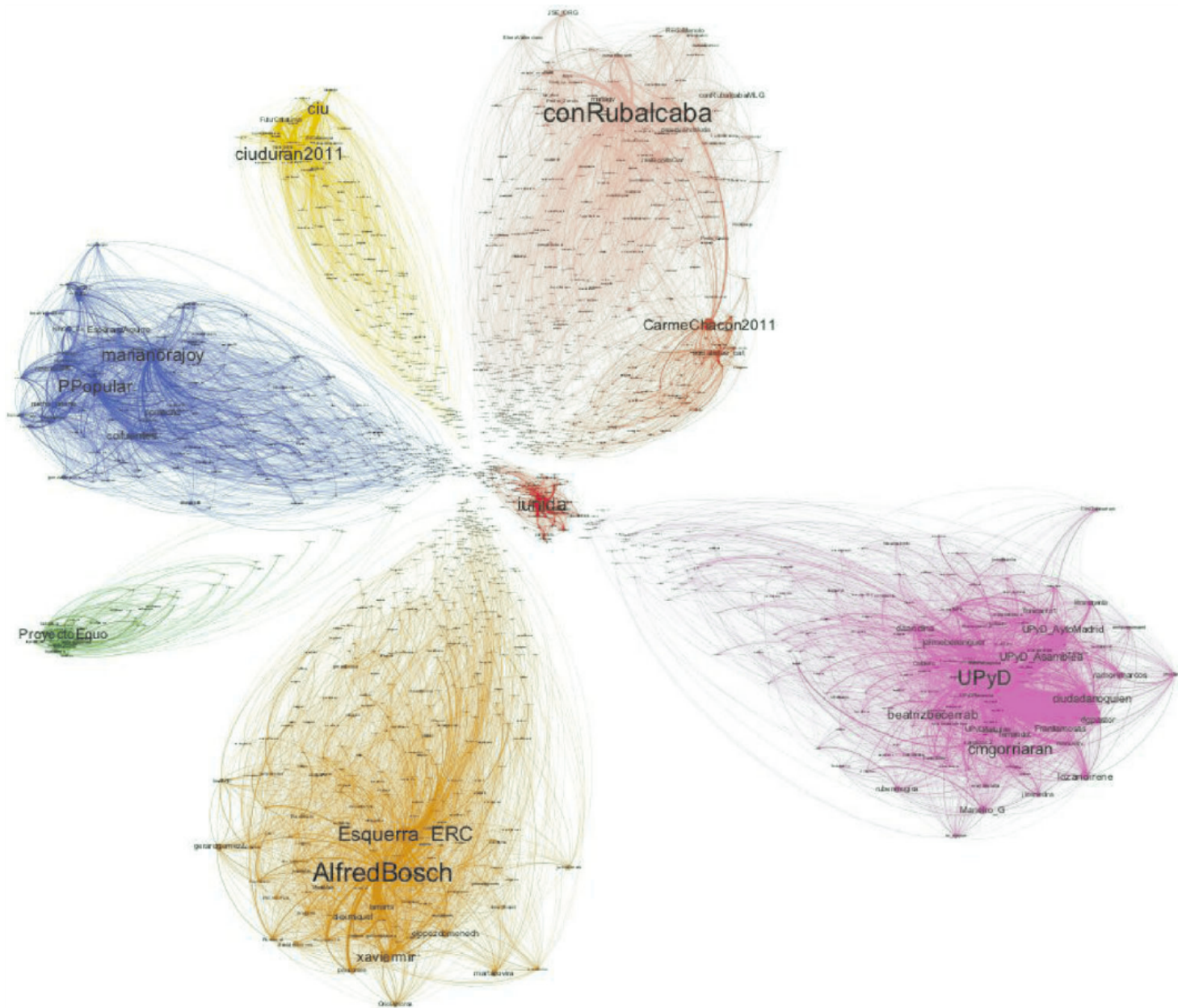
Peña-López, I. (2011).
“Striving behind the
shadow – The dawn of
Spanish politics 2.0”.



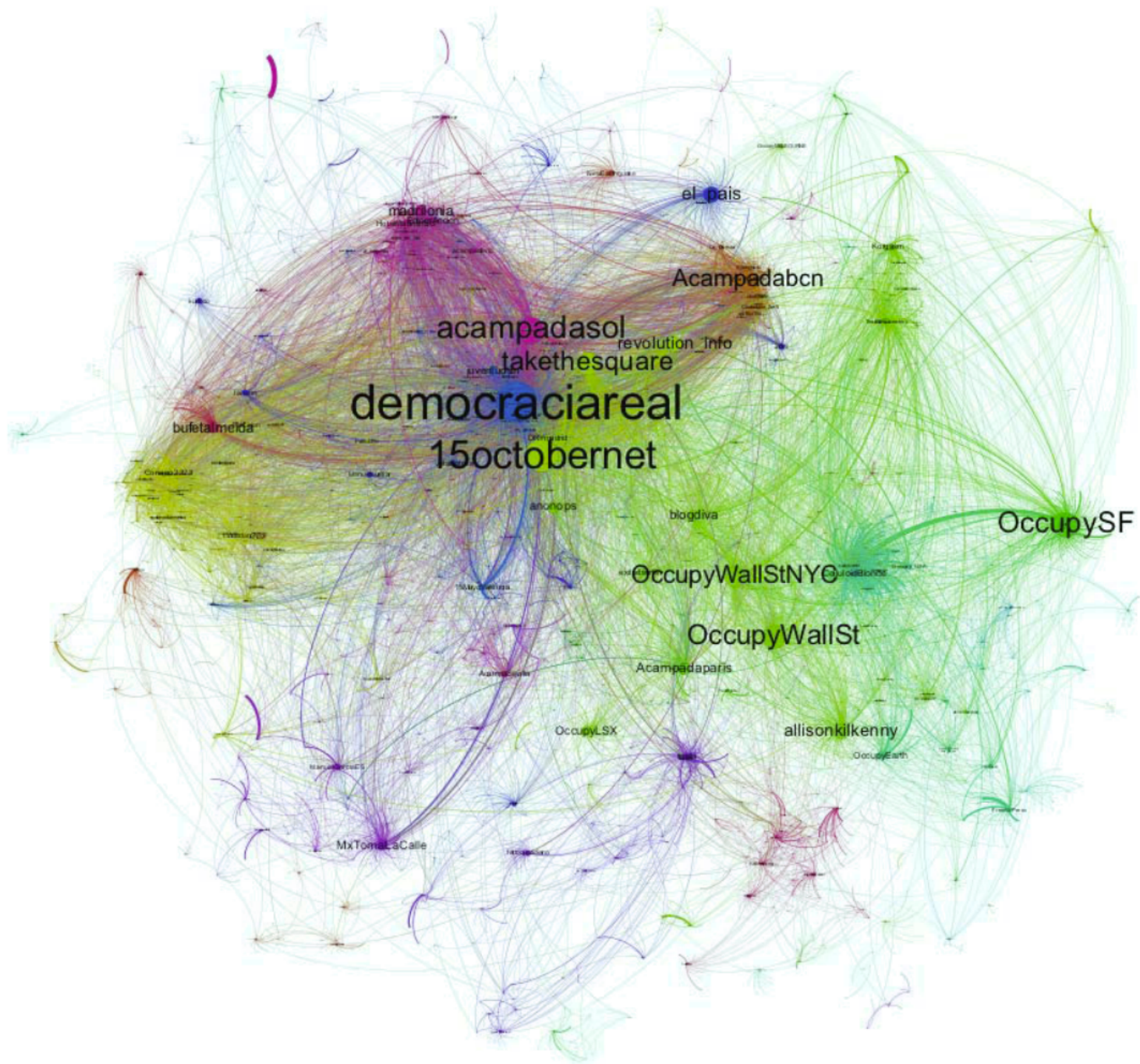
Lebkowsky, J. (1997).
“TechnoPolitics”.



Toret, J. (Coord.) (2013).
Tecnopolítica



Aragón, P., Kappler, K., Kaltenbrunner, A., Laniado, D. & Volkovich, Y. (2013). "Communication dynamics in twitter during political campaigns: The case of the 2011 Spanish national election". In *Policy & Internet*, 5 (2), 183-206. Internet, Politics, Policy 2012: Big Data, Big Challenges?. Malden: Wiley Periodicals.



Toret, J. (Coord.) (2013). Tecnopolítica: la potencia de las multitudes conectadas. El sistema red 15M, un nuevo paradigma de la política distribuida. Barcelona: UOC-IN3.

Democracy + Internet = ?



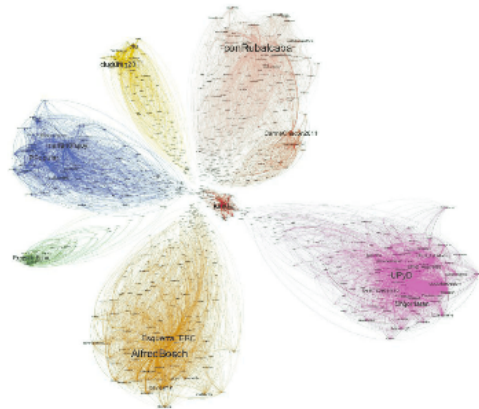
Rodotà, S. (1997).
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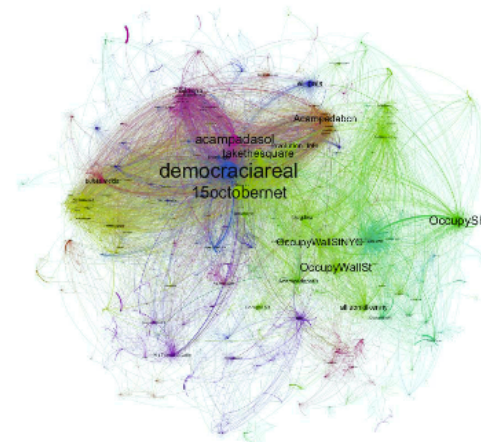


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shadow – The dawn of
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Tecnopolítica

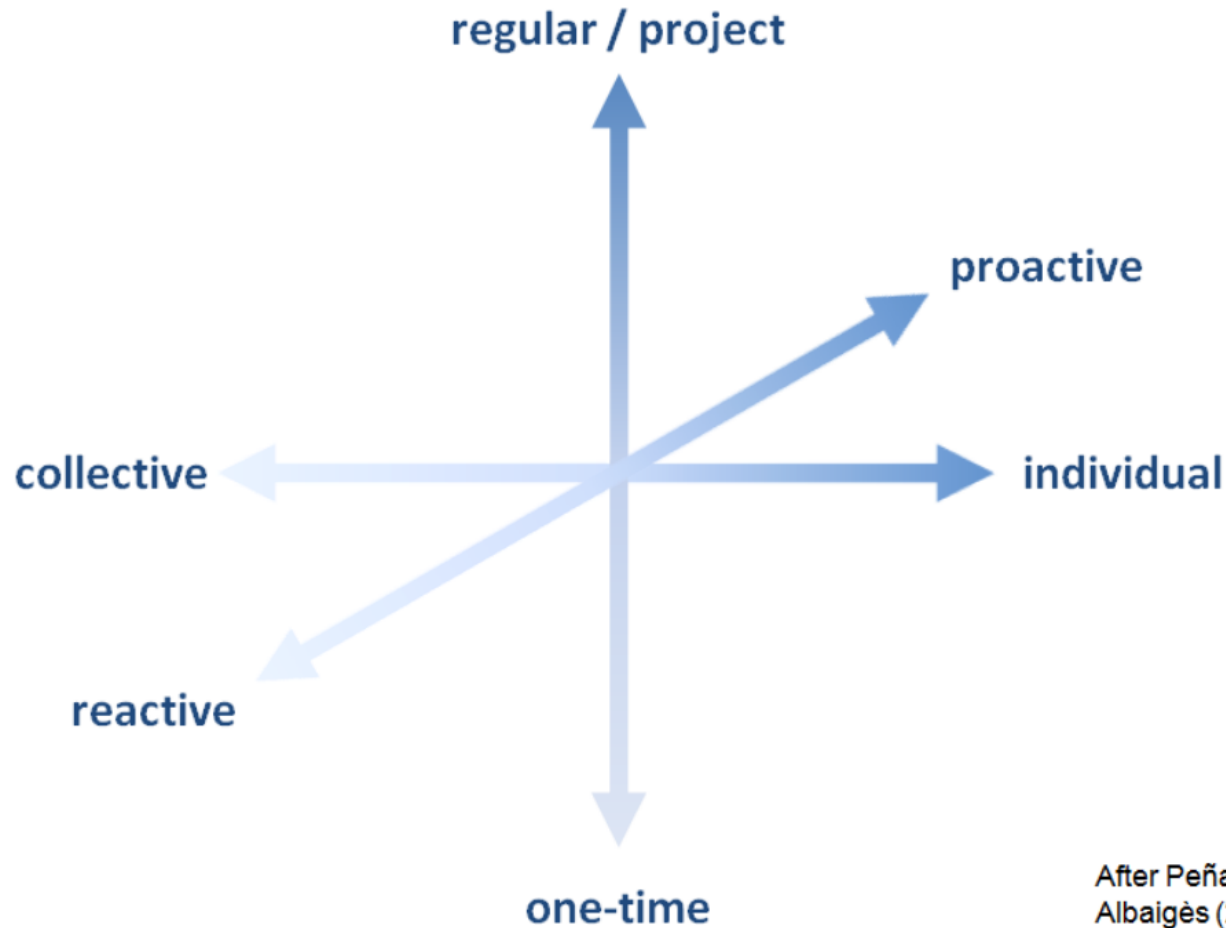


Aragón, P., Kappler, K., Kaltenbrunner, A., Laniado, D. & Volkovich, Y. (2013). “Communication dynamics in twitter during political campaigns: The case of the 2011 Spanish national election”. In *Policy & Internet*, 5 (2), 183-206. Internet, Politics, Policy 2012: Big Data, Big Challenges?. Malden: Wiley Periodicals.



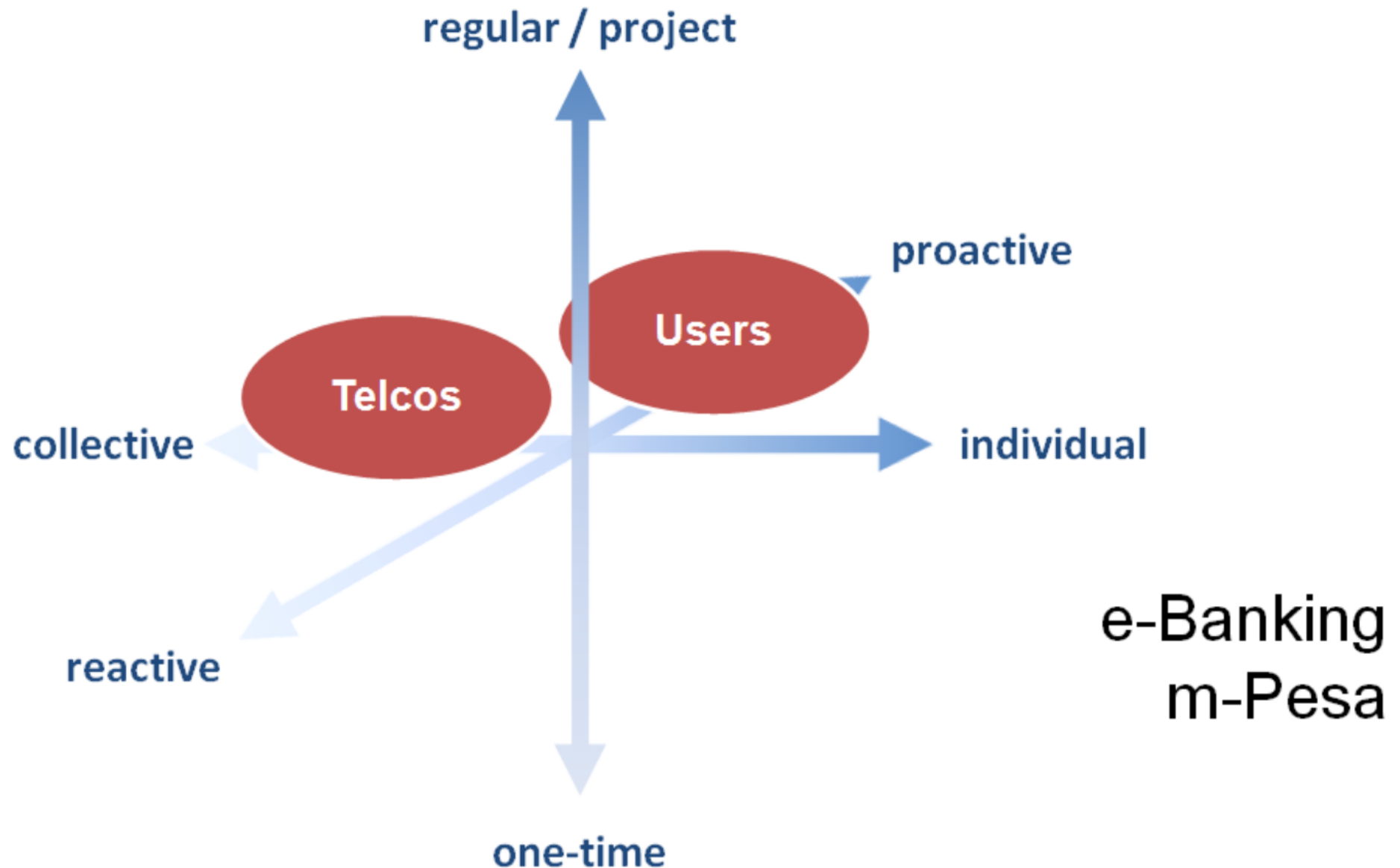
Toret, J. (Coord.) (2013). *Tecnopolítica: la potencia de las multitudes conectadas. El sistema red 15M, un nuevo paradigma de la política distribuida*. Barcelona: UOC-INS.

Participation and network society

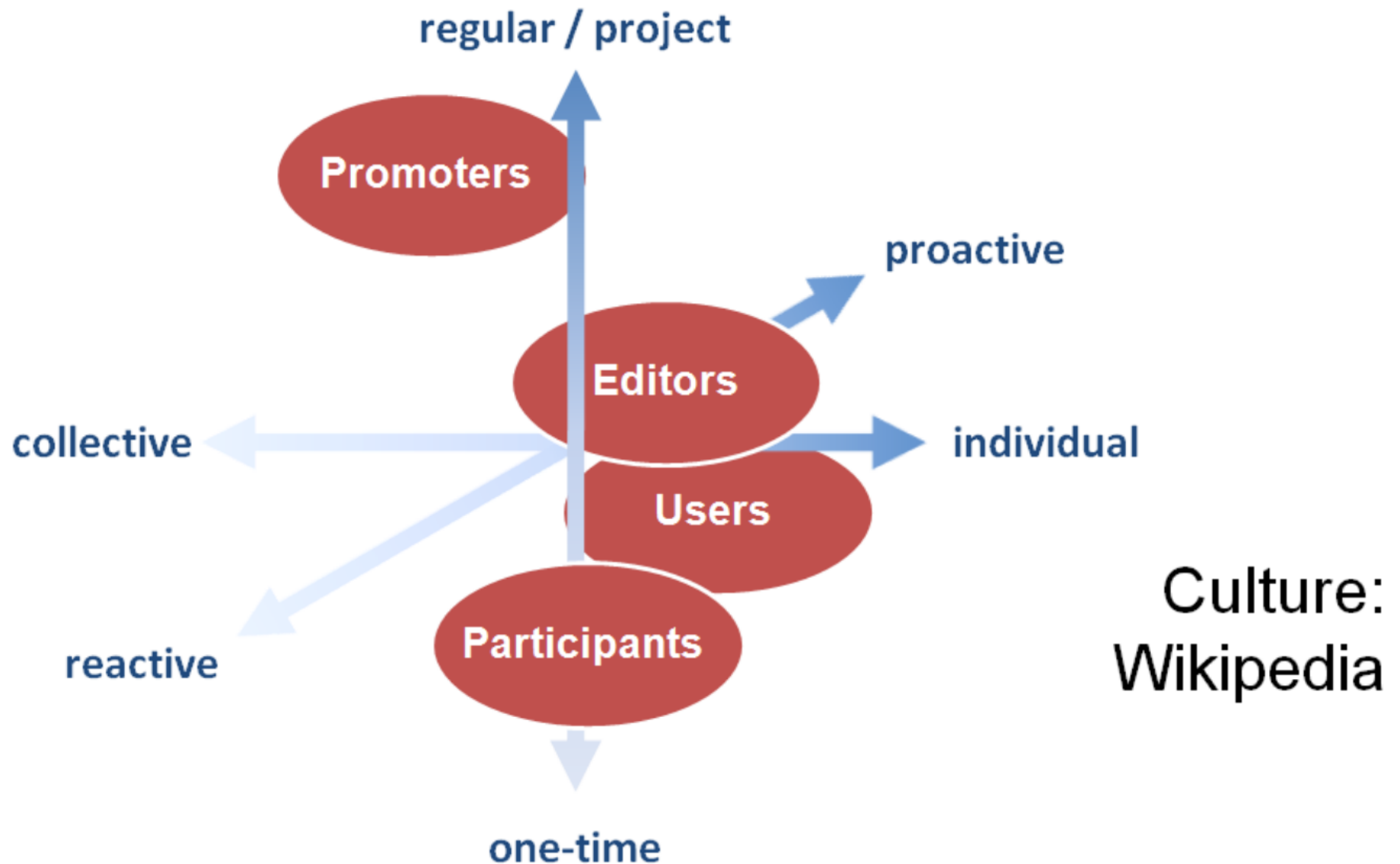


After Peña-López (2009) and
Albaigès (2011).

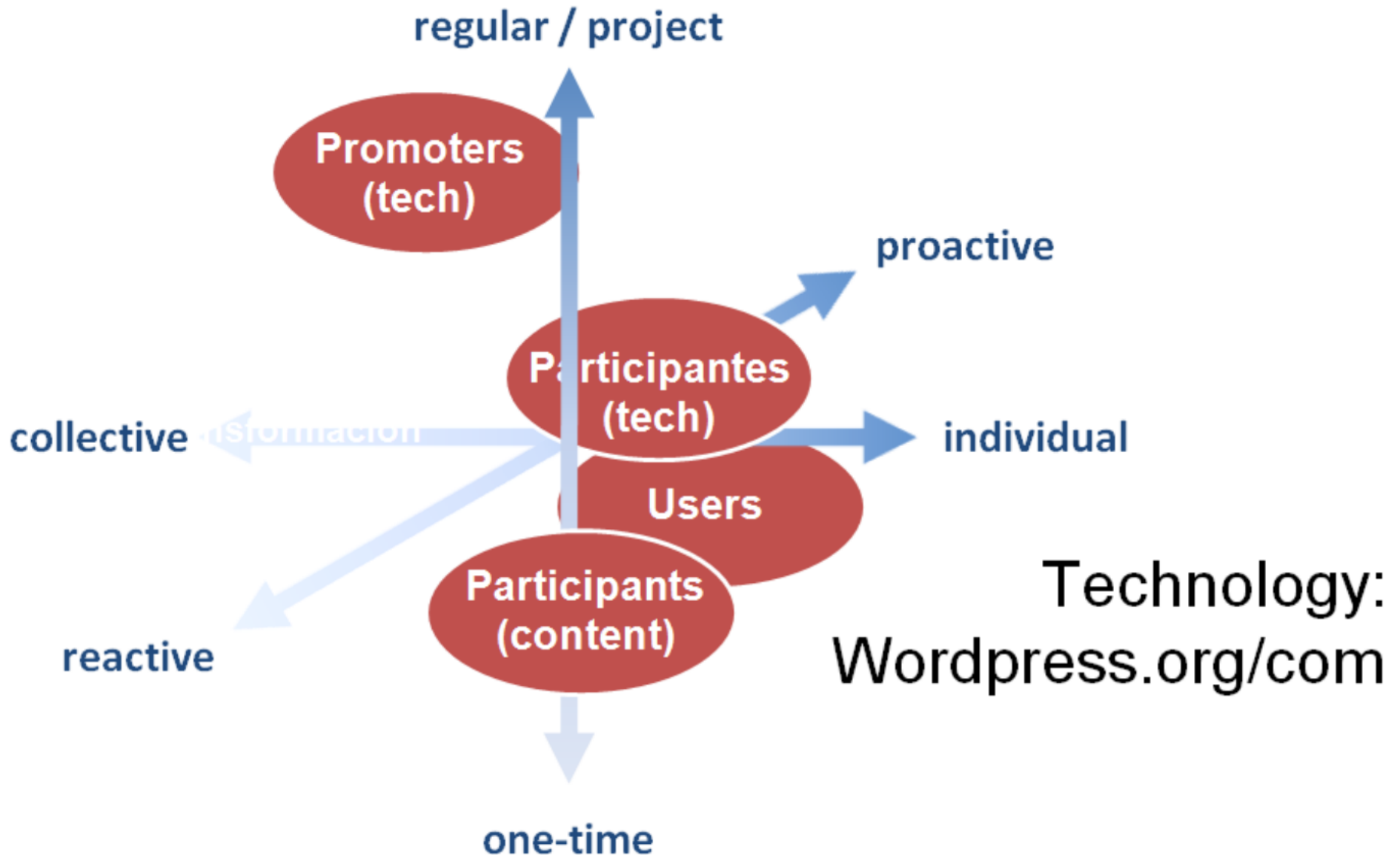
Pull businesses led by the demand



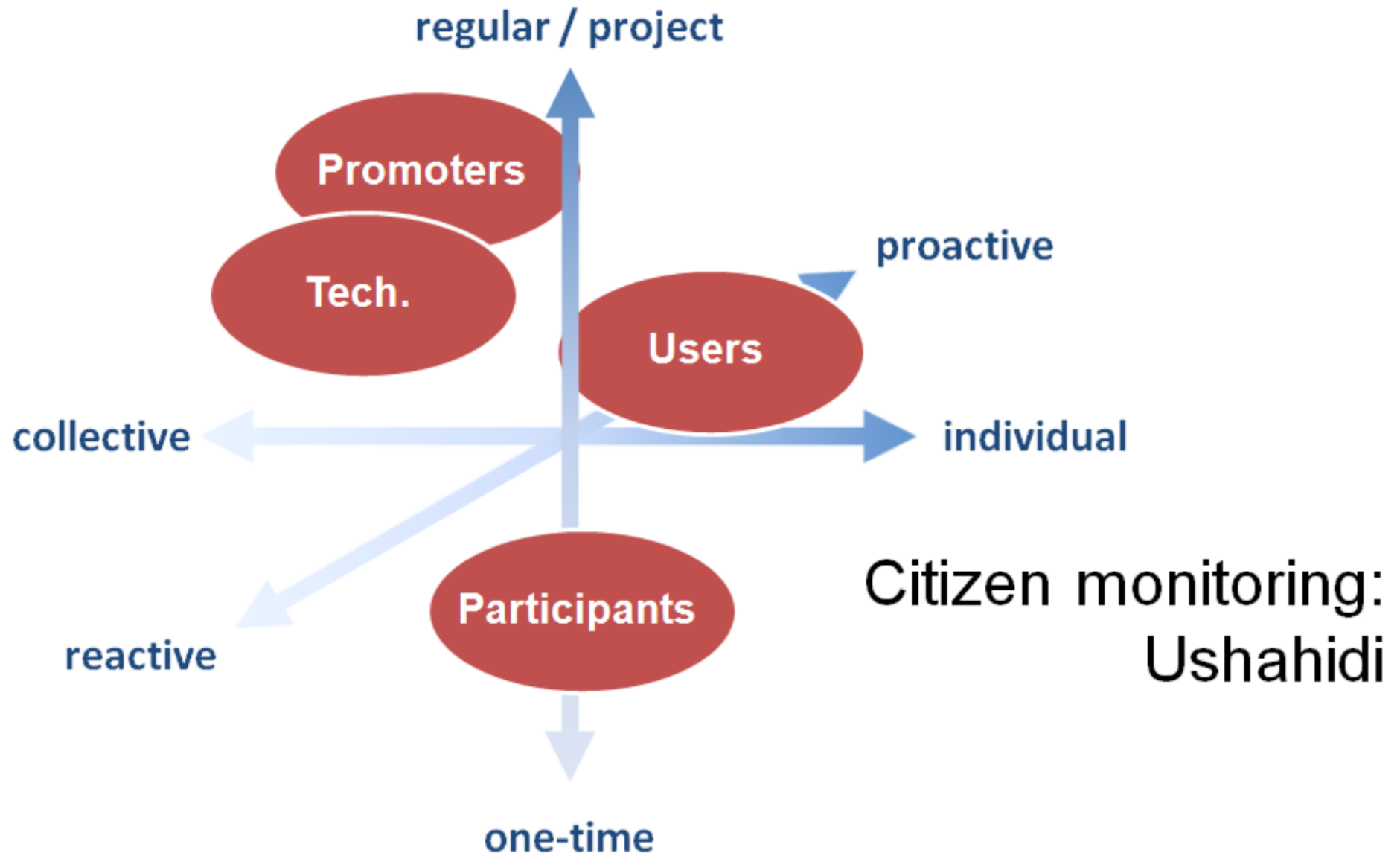
A culture of remixing and in real time



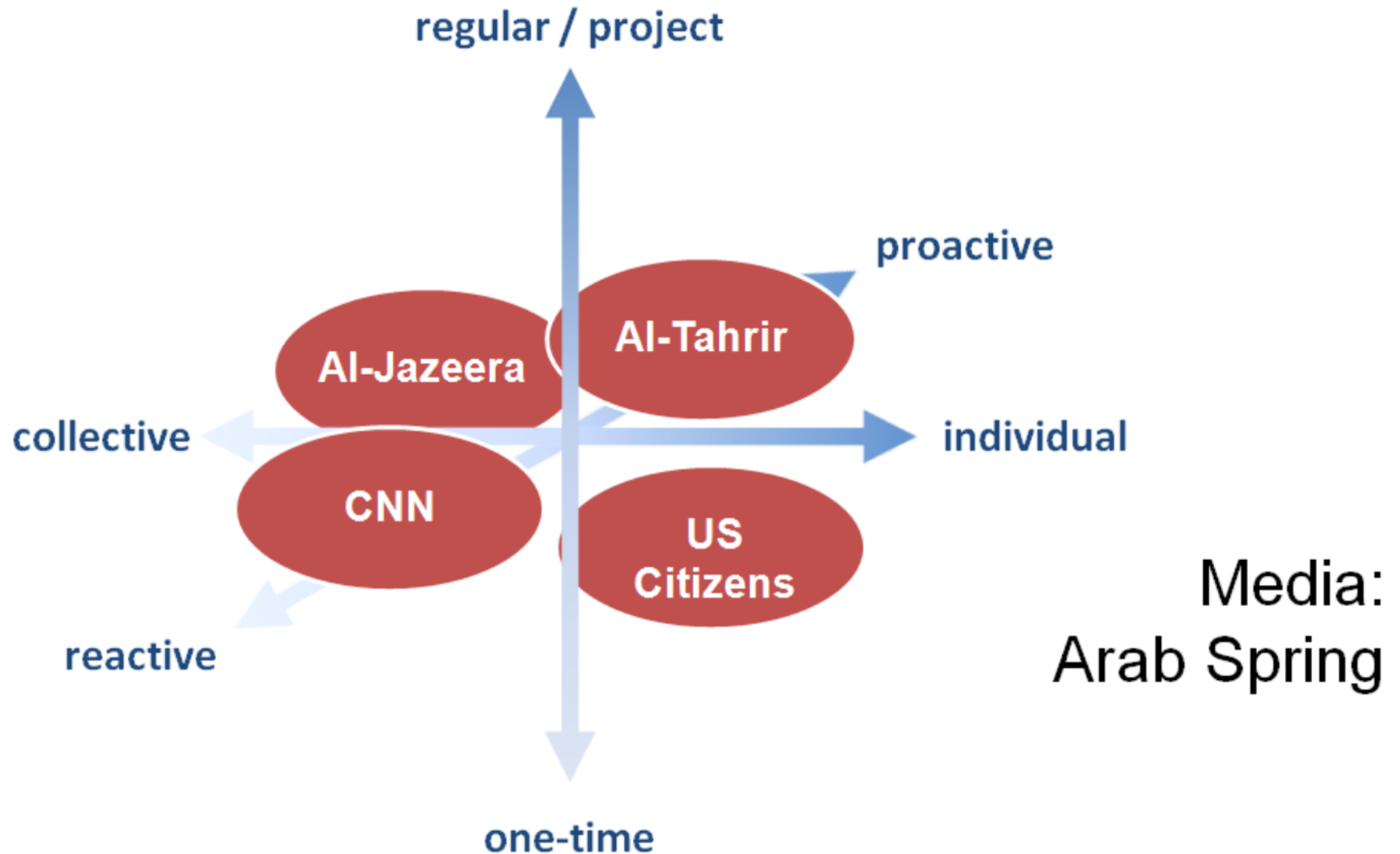
Technology as platform and culture



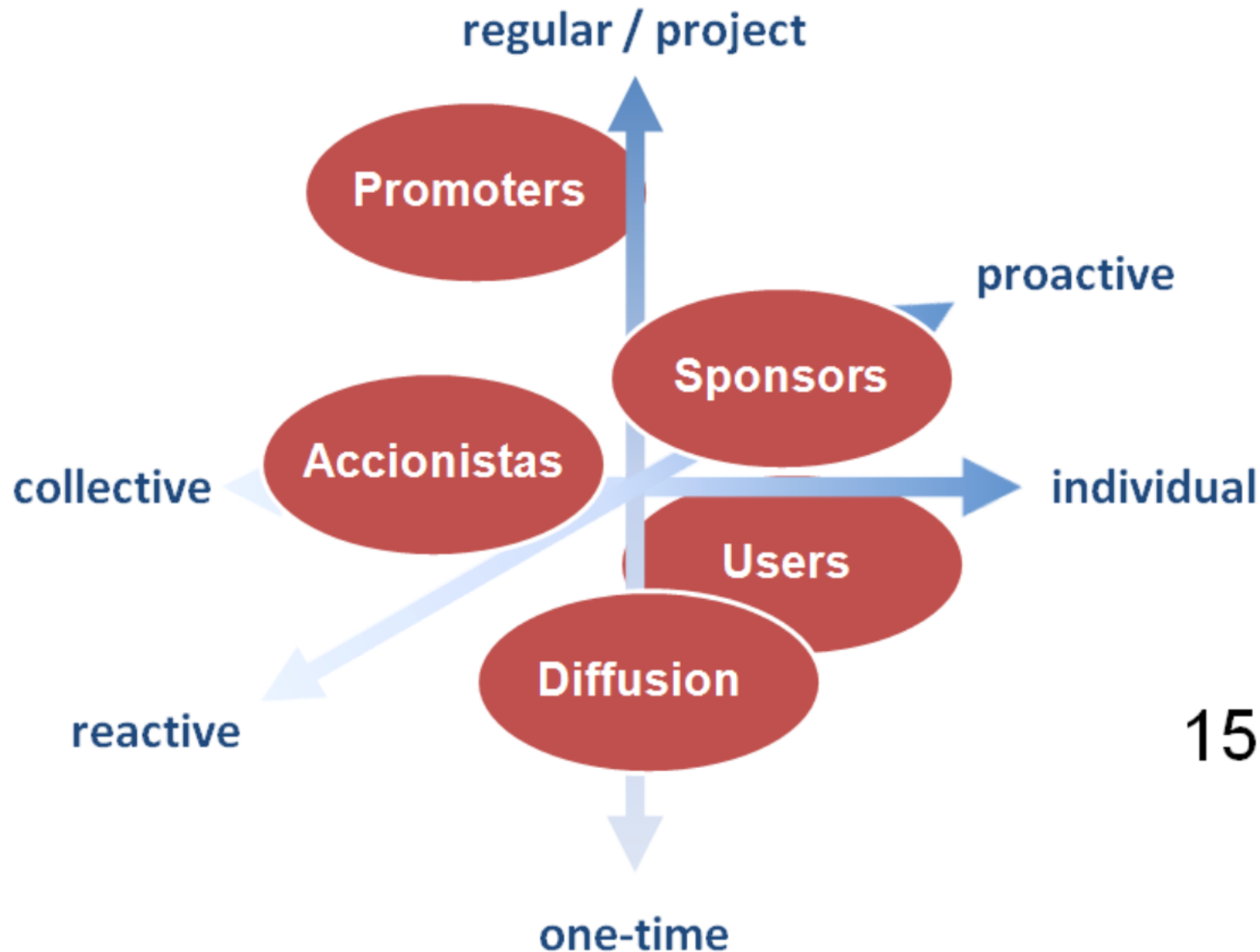
The synergies of citizens and institutions



El 4th Estate as a fosterer of the 5th Estate

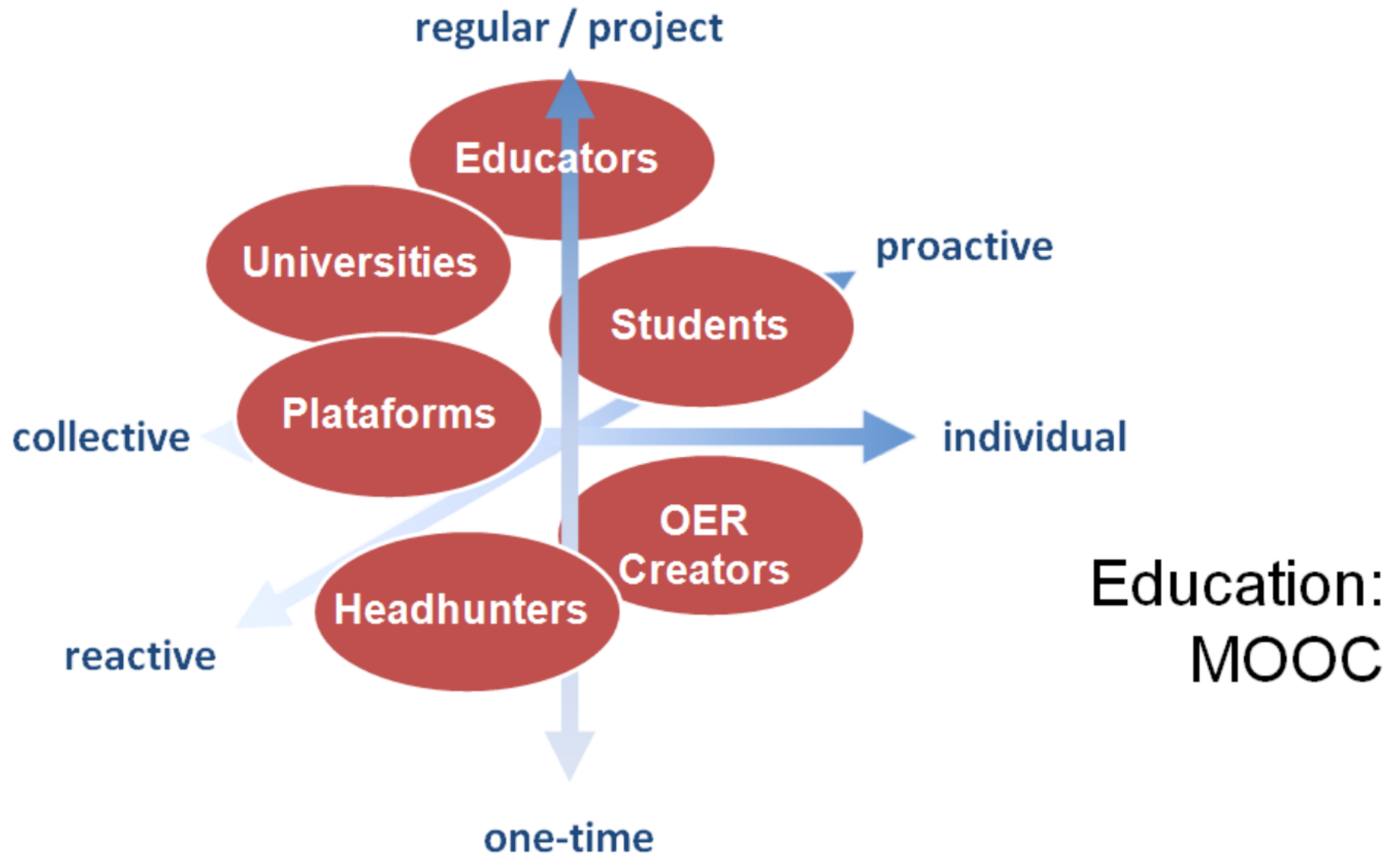


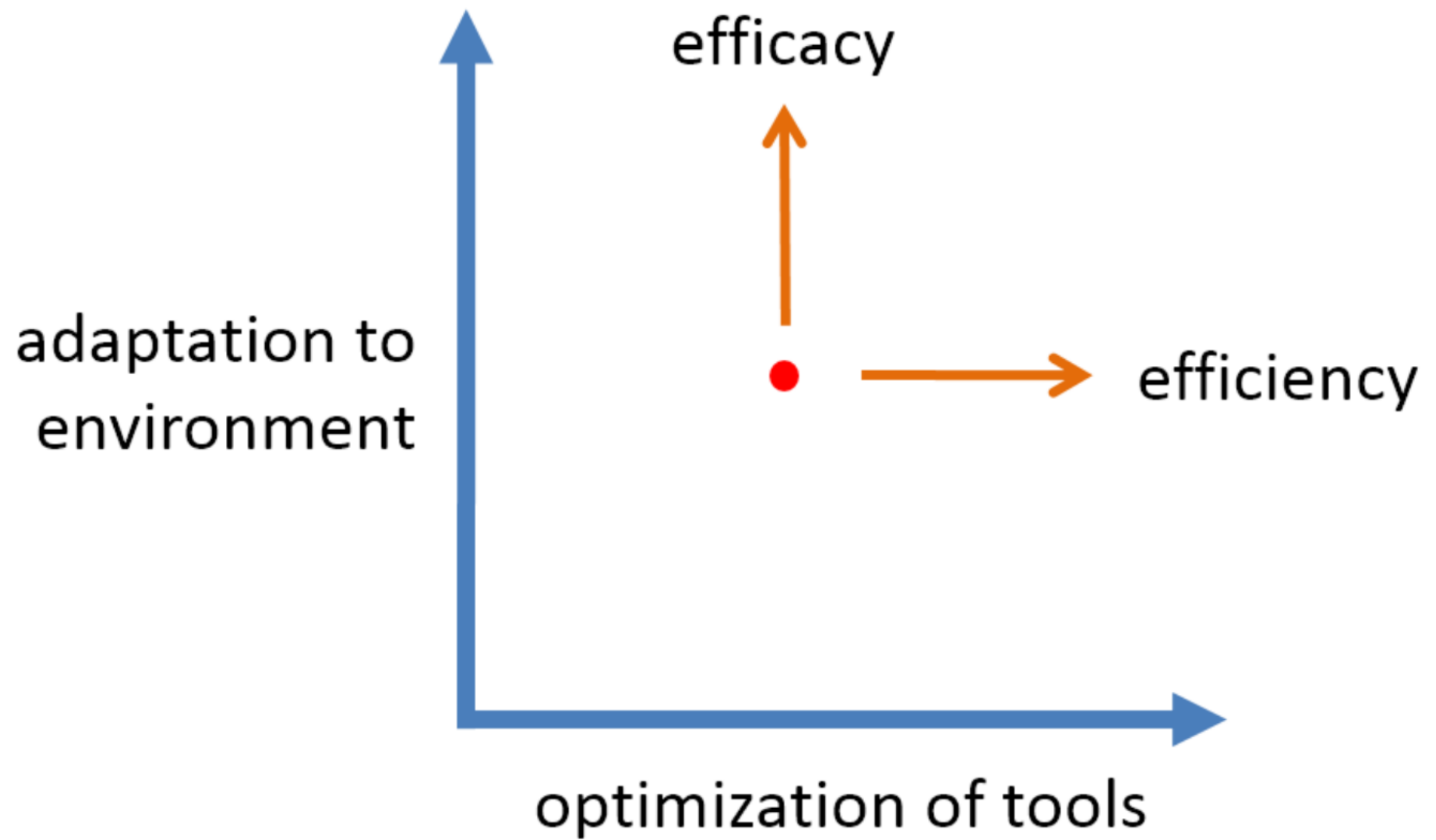
New citizenry: an asset in politics



Politics:
15MpaRato

From teaching to learning





efficacy



efficiency

Open social innovation

The key is the process

Opening the process:
how are decisions made.

Foster the process:
based on what.

Replicate the process:
using what protocols.

Co-decision

The context matters:
transparency in the design.

Open inputs:
open... no, linked data.

Deliberation:
facilitate the infrastructures.

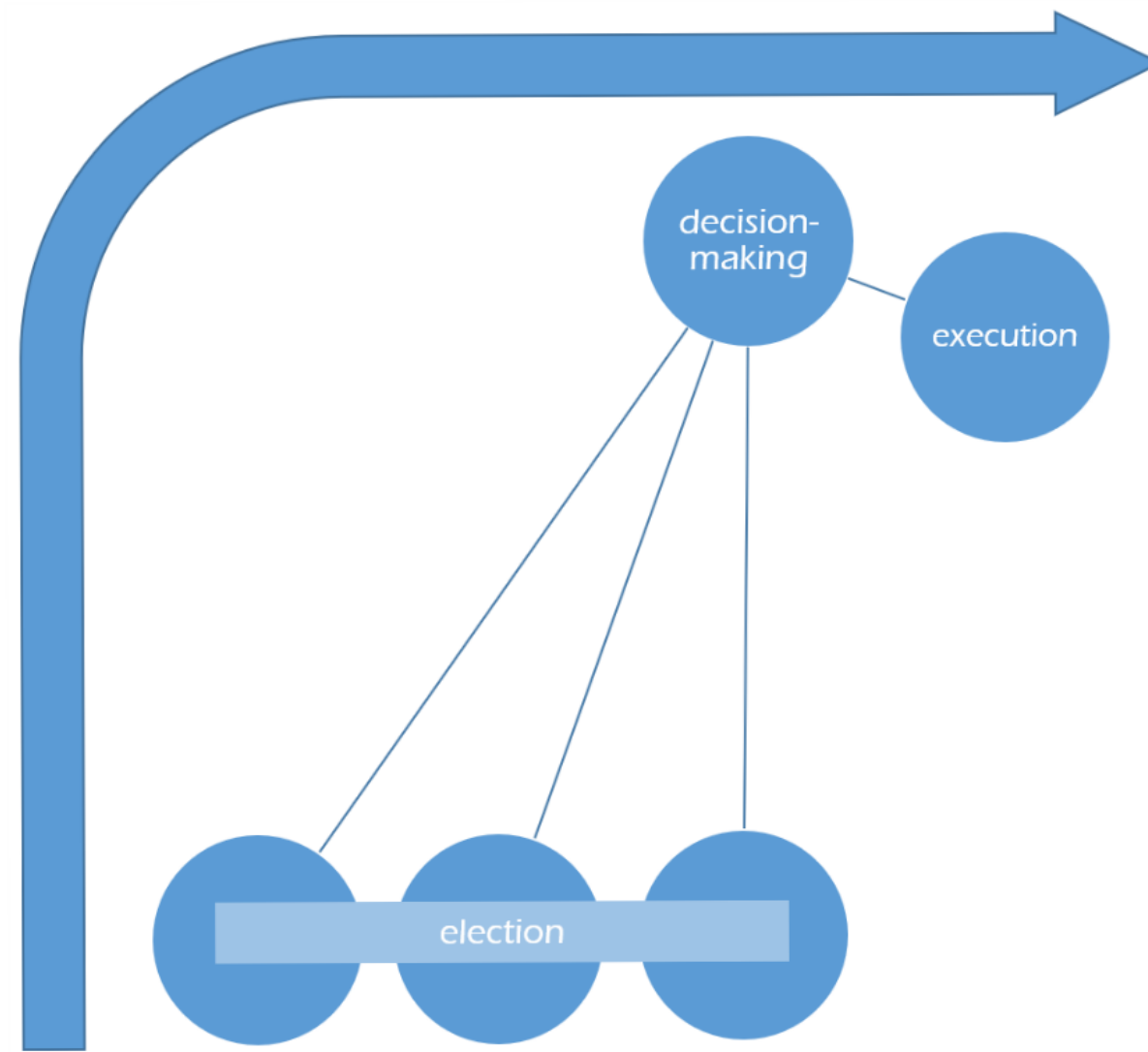
Radical subsidiarity

From leadership to facilitation:
who knows the needs better.

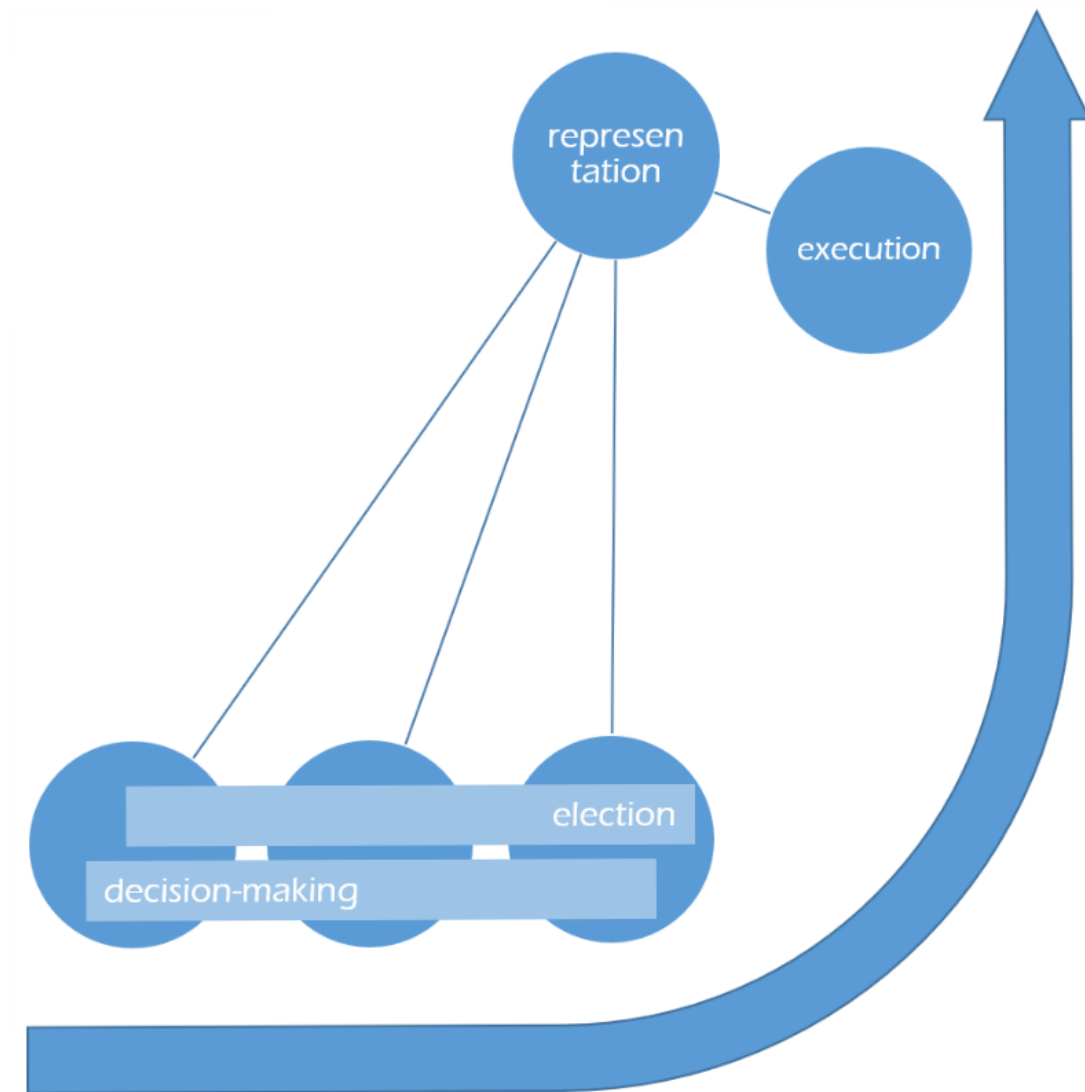
Granularity in decision-making:
info. filtering and talent location.

From participation to co-decision:
who is legit to decide.

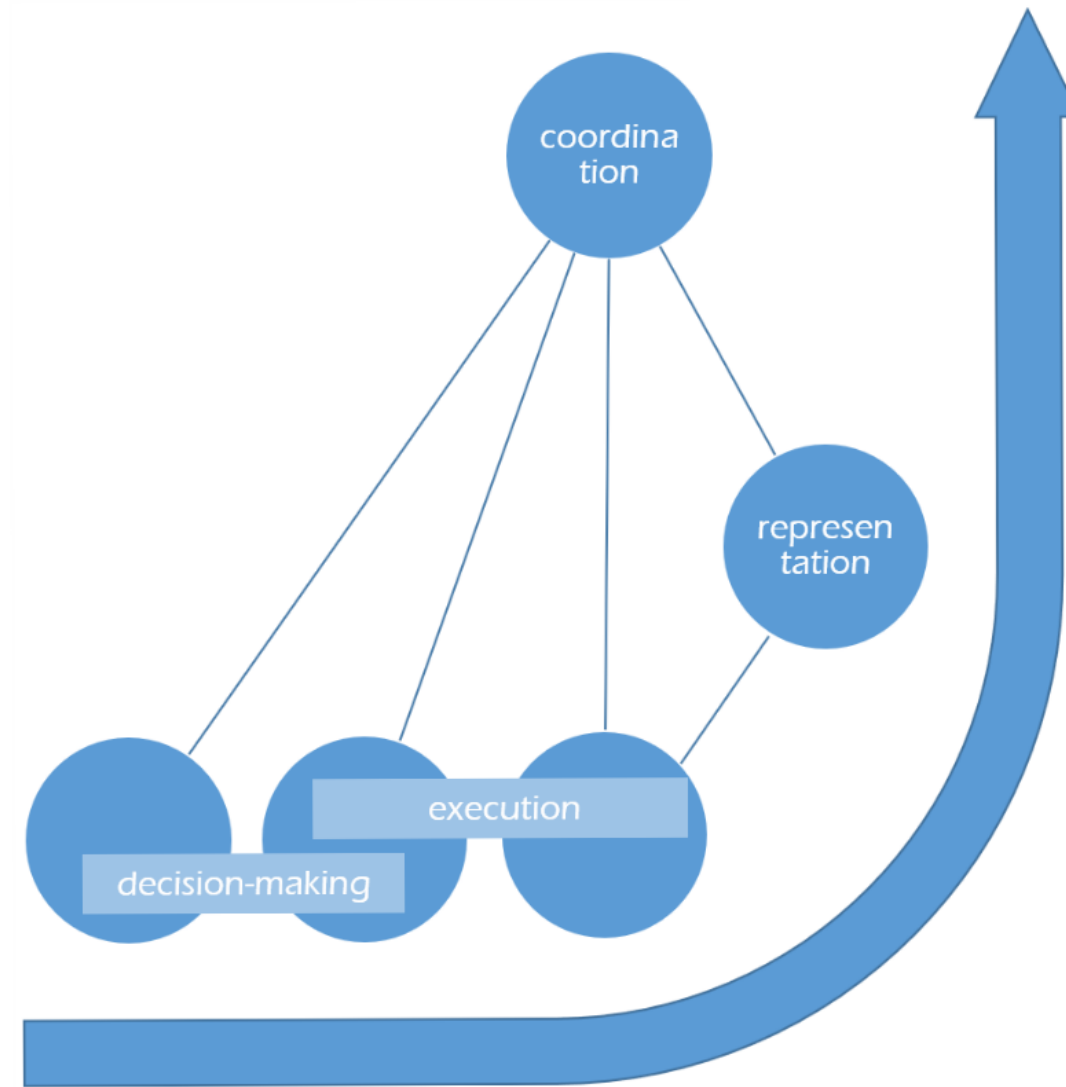
Hierarchical organization



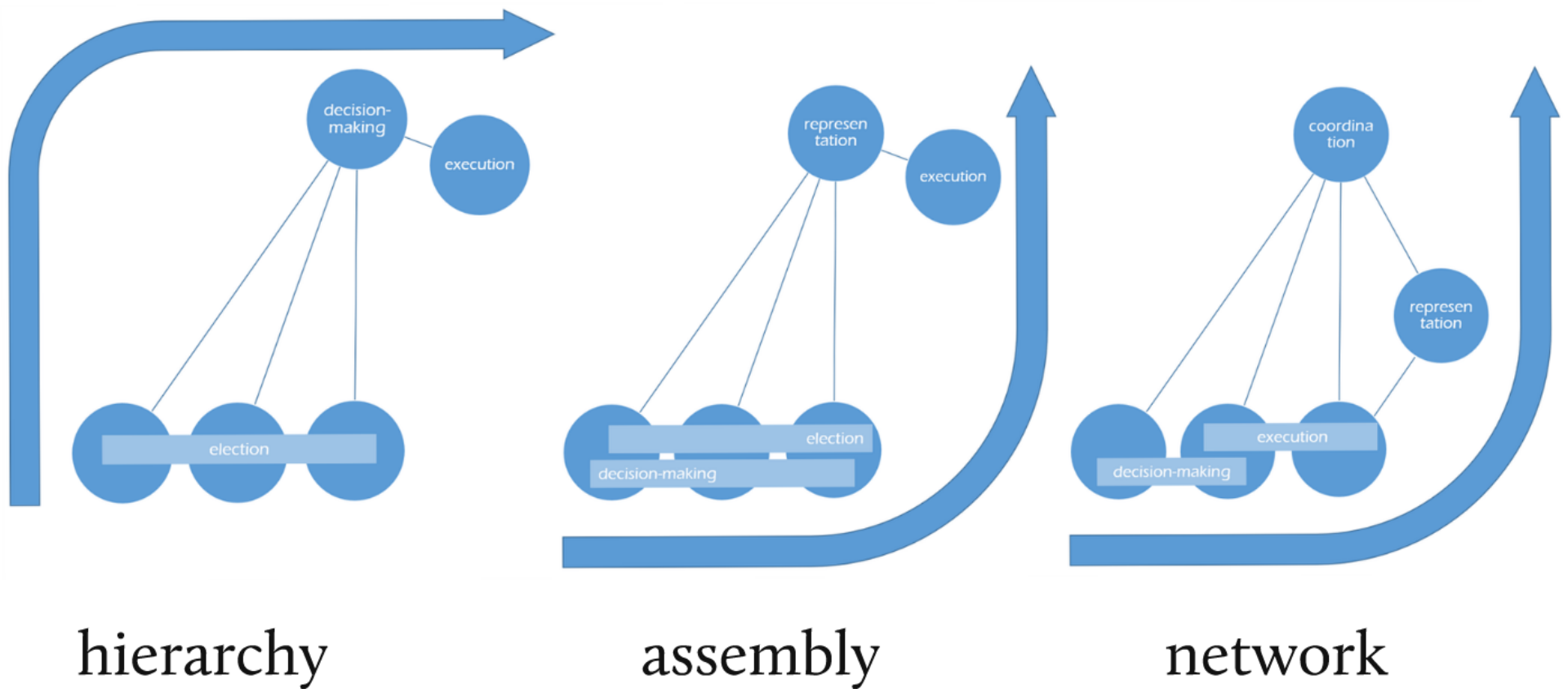
Assembly-based org.



Network organization



New citizen-based governance models?



**Fostering
network
organizations**

Open social innovation Characteristics

- Decentralization
- Individualization.
- Casual participation

Open social innovation Policies

Ecology of Tasks

Provide context

Facilitate the agora

Foster interaction

Provide context

Diagnosis

Facilitate the agora

Goals

Foster interaction

Path

in Governance

Open social innovation Policies

Ecology
of
Tasks

Provide context

Diagnosis

Facilitate the agora

Goals

Foster interaction

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in Governance

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<http://ictlogy.net/presentations/20170509_ismael_pena-lopez_-_technopolitics_new_citizen_governance_models.zip>

To contact the author: <http://contact.ictlogy.net>

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