

SOCIAL ECONOMY ENTERPRISE TYPE HONEYCOMB NETWORK, THE MOTOR OF ECONOMIC GROWTH IN LOCAL ROMANIANS COMMUNITIES

PhD Florina-Valentina NICOLAE

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The purpose of my scientific approach



To propose a new model of social economy enterprise,
adapted to Romanian local communities but not limited to this
geographical area

THE RESEARCH QUESTION

“Humans are the only beings able to organize efficiently their socio-economic life, or does nature offer us better alternatives to the human model of organization?”

Key questions for social economy enterprises:

- 1. Can we make social activities in the absence of economic activities generating profit?**
- 2. What kinds of benefits for the community generate the social economy enterprises?**
- 3. What kind of values are able social economy enterprises to produce?**
- 4. What is the added value for the benefit of communities, from social economy enterprises?**

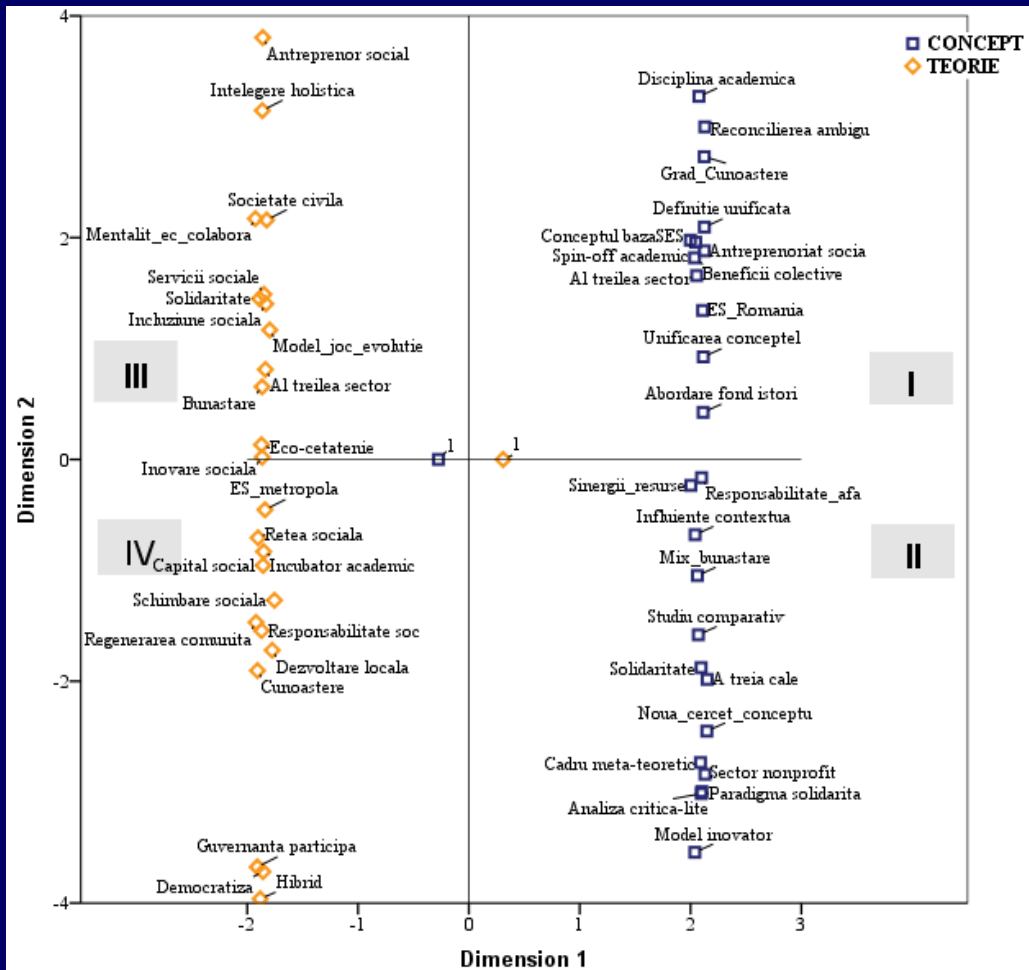
Literature Review

- ▶ Social economy has **deep roots in history** at the level of application

BUT,

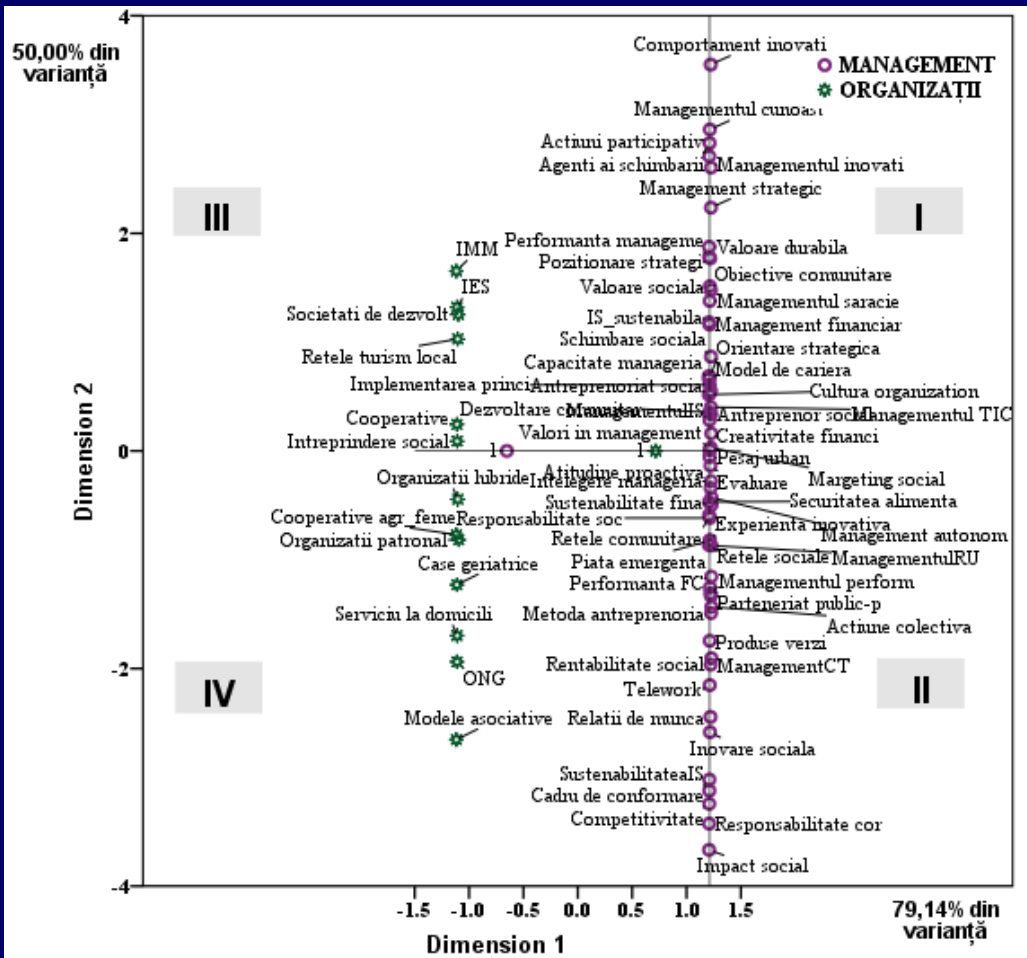
- ▶ Theoretical and methodological approaches to the field of study are in its infancy;
- ▶ At conceptual and doctrinal level, social economy is defined by a variety of terms and expressions, as: “*third sector*”, “*the third way*” “*non-profit sector*” or “*solidarity economy*”;
- ▶ Each of these terms being used in close connection with the purpose and theme of the work, or with the affiliation of the authors to a particular trend of thought.

- ▶ I have not identified a common core for defining the social economy at the theoretical and conceptual level;
- ▶ I have performed the ***integrative analysis*** of the scientific literature, to identify:
 - ▶ current state of the research,
 - ▶ existing gaps or possible contradictions of terms used in defining the concept of social economy,
 - ▶ representative organizations.
- ▶ Documentary research, has supposed access of Scopus and Web of Science databases;
- ▶ It resulted a database of 230 papers evaluated ISI, published between 1998-2017, out of which 172 papers were published in 2012-2018.



Conclusions related to defining the concept describing social economy

- Academic science *falls* into the category of “hot” subjects, but with *relevant gaps* to qualitative studies;
- There are a number of subjects that capture attention and, at the same time, open *new directions* of research from areas such as:
 - approaches as the third economic sector, social entrepreneurship, collective benefits;
 - unified definition, academic discipline?;
 - social economy in Romania;
 - the degree of knowledge of social economy;
 - reconciliation of the ambiguities, unification of concepts related to social economy etc.



Conclusions related to current approaches on social economy enterprises

- current approaches to social economy enterprises are at the beginning;
- is a significant gap in the scientific literature in terms of approaches to social economy enterprises;
- is a significant gap in the scientific literature in terms of approaches to management of social economy enterprises.

These conclusions also confirmed to me that there is a very generous space for innovation in the area of organizing social economy enterprises at the level of local communities.

WORKING METHODOLOGY

Work algorithm in five steps

1. Establishing the *research items* → the behaviour of natural, living systems → I have answered according to actual level of knowledge
2. I have *eliminated* → the system that contained the most unknown items
3. I have elaborated → a matrix containing the characteristics of the systems remaining in study
4. I have *selected as model* → the natural, living system whose level of economic and social organization presents an orderly organizational architecture and optimum efficiency for both, individuals and the environment
5. *Replicate the selected model* → a social economy structure, specific to the Romanian local communities

Replicate the lifestyle of a living, natural system at the level of an economic structure, characterized by adaptability to the environment, flexibility in operation and efficiency

I have selected for the study **3 types of living** creatures growing in communities



1. Establishing the research items on the behaviour of living,
natural systems, selected for study

	Ants	Fishes	Bees
1. Is a <i>social being</i> ?	Yes	Yes	Yes
2. It is distinguishable the <i>individual tasks</i> ?	Yes	I don't know	Yes
3. It is distinguishable the <i>collective tasks</i> ?	Yes	I don't know	Yes
4. Is it characterized by <i>its own organizational architecture</i> ?	Yes	I don't know	Yes
5. Is it characterised by <i>social cohesion</i> ?	Yes	Yes	Yes
6. It is distinguishable the <i>ability to coordinate the individual efforts</i> ?	Yes	I don't know	Yes
7. It is a <i>hierarchy an social ranks</i> ?	Yes	I don't know	Yes
8. It is the <i>social division of work</i> ?	Yes	Yes	Yes
9. It is distinguishable <i>the ability of individuals to communicate</i> ?	Yes	Yes	Yes

2. Successive elimination from the study of the living system containing the most of unknown items, according to the established work algorithm

First category of beings about I had the fewest information at the time of the study: *fishes*.



3. Selection of the model of living, natural system as conceptual model of social economy enterprise, type network of people and relationships.

Efficiency criteria:

1. *economic efficiency,*
2. *the capacity of environmental preservation*
3. *the organizational architecture*

a) Ant-hill



b) Bee-hive



4. The *optimal model* of organization,
*recommended as a conceptual model for the
social economy enterprise*



BEEHIVE

and

the archetype of organizational structure
described by him



5. Replication of the selected model at a level of a social economy structure specific to the Romanian local communities

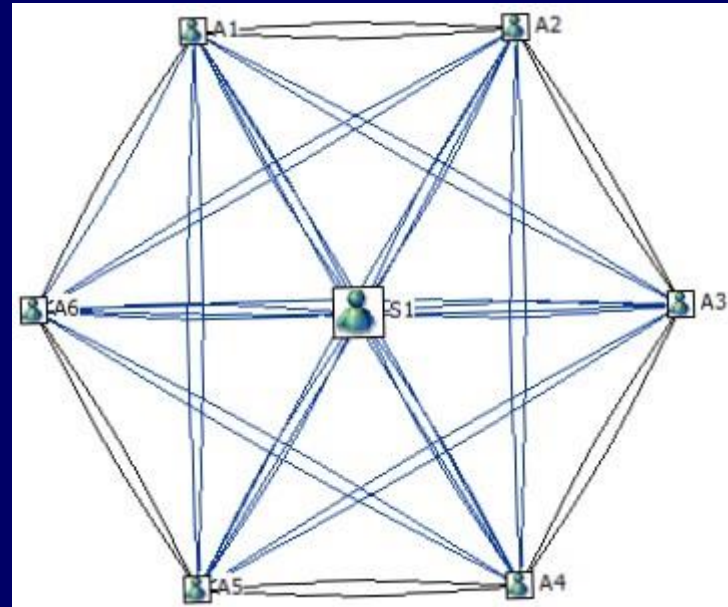
**Socio-economic Unit,
of persons and relationship**



1 Coordinator (S1)



6 Persons / economic actors (A1-A6)



MODEL PROPOSED OF AUTHOR

Multiplication by replication of elementary unit



Innovative socio-economic unit



New concept of social economy enterprise adapted to the fractal organization of the nature

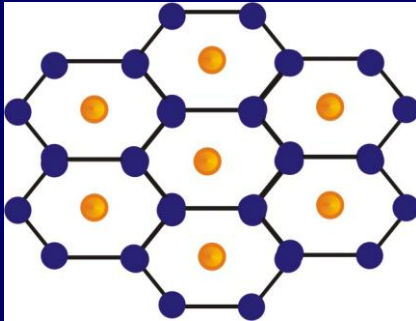


Economic structure type honeycombe

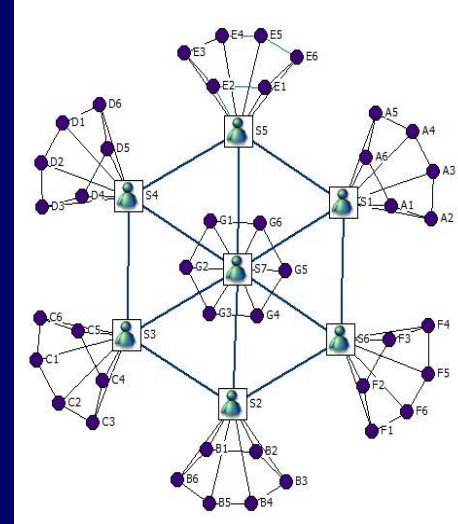


composed of *autonomous units*, characterized by *self-similarity and self-organization*, with its *own decision-making power, open and collaborative*

**Social economy enterprise → characterized by three categories of elements:
*nodes, meshes and layers***



a)



b)

Social economy enterprise structure, *type honeycomb network*

a) designing the economic structure in plan;

a) the same structure obtained by processing mathematical model in **VisuaLyrer2.2. application**

CONCLUSIONS

Social economy enterprises have the capacity to achieve lucrative networks in local communities

Based on common values: **solidarity, trust relationships between people, co-operation, complementarities of economic changes;**

Social economy networks will become **germs of social capital at the community level.**

Social economy enterprise type *honeycomb network*



***a network of people and relationships* engaging economic actors in solving the problems specific of each community**

The conceptual model proposed



innovative, original model that follows the fractal pattern of nature organization at all levels

Organizational structure of social economy enterprise



autonomous interconnected units characterized by self-similarity and self-organization, with its own power of decision, open and collaborative.

Challenges in the field and research directions for the future



Management of enterprise from a *network management perspective*



Study of vulnerabilities of the network of people and relationships



Approaching management from the perspective of fractal geometry,
able of completing or correcting the current models
based on absolute predictability and hierarchical control.

ACKNOWLEDGEMENTS

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