13th International European Forum (Igls-Forum) on System Dynamics and Innovation in Food Networks February 18-22, 2019, Garmisch-Partenkirchen, Germany



Farmers and consumers in sustainable agrifood chains: innovation in governance forms

Loïc Sauvée Natália Rohenkohl do Canto Marcia Dutra de Barcellos Daniele Eckert Matzembacher





Agenda

Introduction

Research Goal

Theoretical Background

Methodological Procedures

Expected Results

Agenda

Introduction

Research Goal

Theoretical Background

Methodological Procedures

Expected Results

New trends in agrifood

New trends in agrifood

Newly organized agrifood chains



New trends in agrifood

Agrifood

Newly organized agrifood chains

Roles of farmers and consumers

Definition of products

Decision making

Consumers' empowerment

Resources locally embedded

Novel product innovation devices





Agenda

Introduction

Research Goal

Theoretical Background

Methodological Procedures

Expected Results

Research Goal

To identify the common characteristics, in terms of governance, of sustainable agrifood chains

Agenda

Introduction

Research Goal

Theoretical Background

Methodological Procedures

Expected Results

Theoretical Background

Governance forms

Organization of the economic activities from the governance point of view, and the institutional arrangement behind it.

Theoretical Background

Governance forms

Organization of the economic activities from the governance point of view, and the institutional arrangement behind it.

Basic principle

Alignment between characteristics of exchanges and choice of governance.



Theoretical Background

Governance forms

Organization of the economic activities from the governance point of view, and the institutional arrangement behind it.

Basic principle

Alignment between characteristics of exchanges and choice of governance.



In agrifood sector most of the governance forms are "hybrids"

Combining contracts, spot market, complex decision devices.

Martino et al. (2017)Ménard Renting et (2004,al. (2003) 2013, Literature on 2018) hybrid forms of governance in the agrifood sector Pascucci Mount et al. (2012)(2013)Pascucci (2010)

Agenda

Introduction

Research Goal

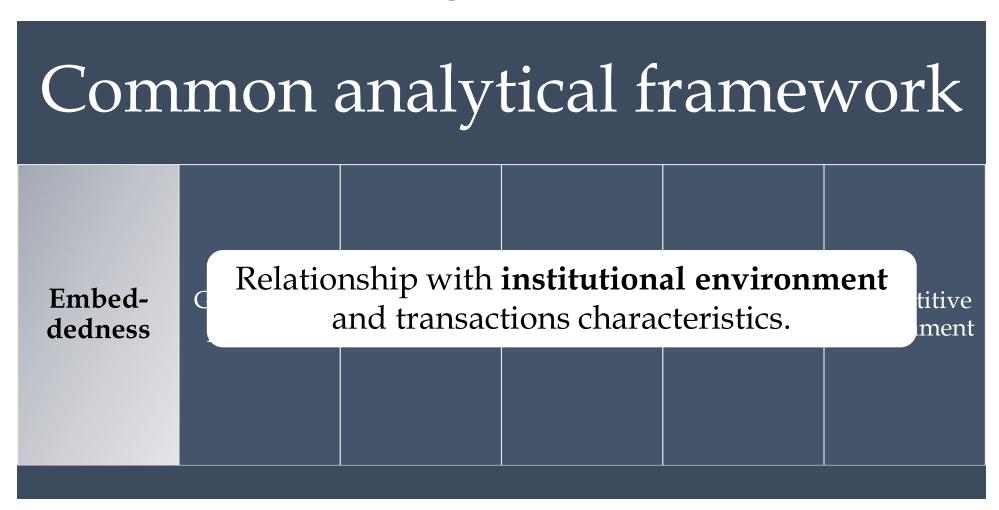
Theoretical Background

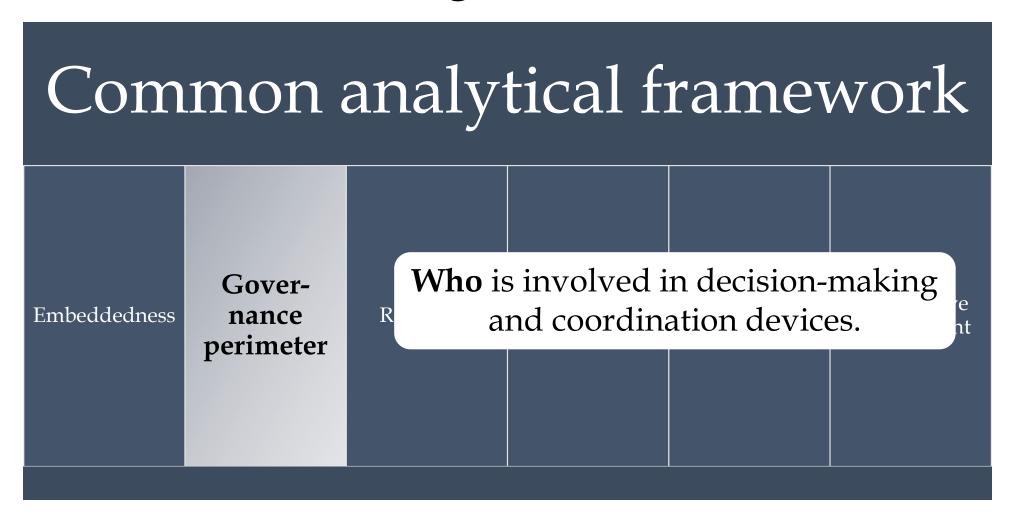
Methodological Procedures

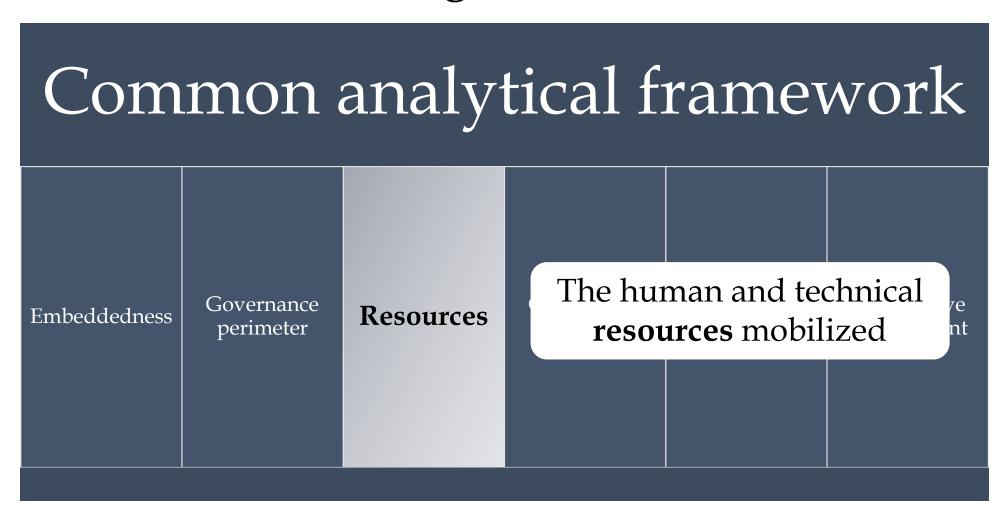
Expected Results

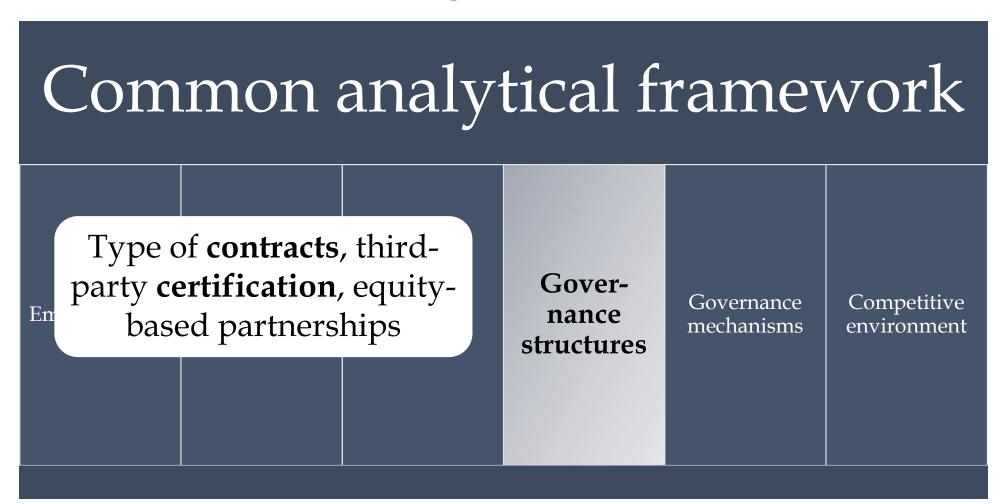
Common analytical framework

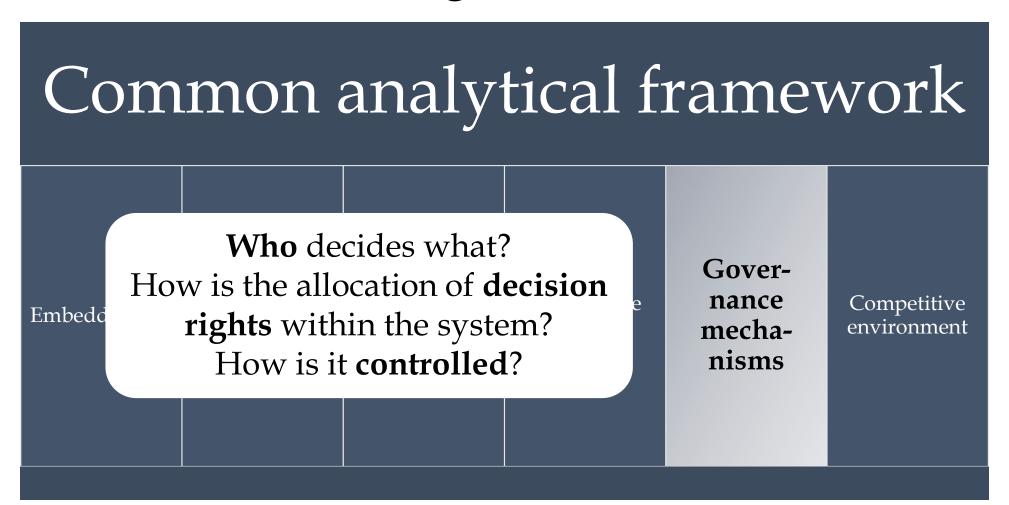
Embeddedness Governance perimeter Resources Governance structures Governance mechanisms environment	
---	--

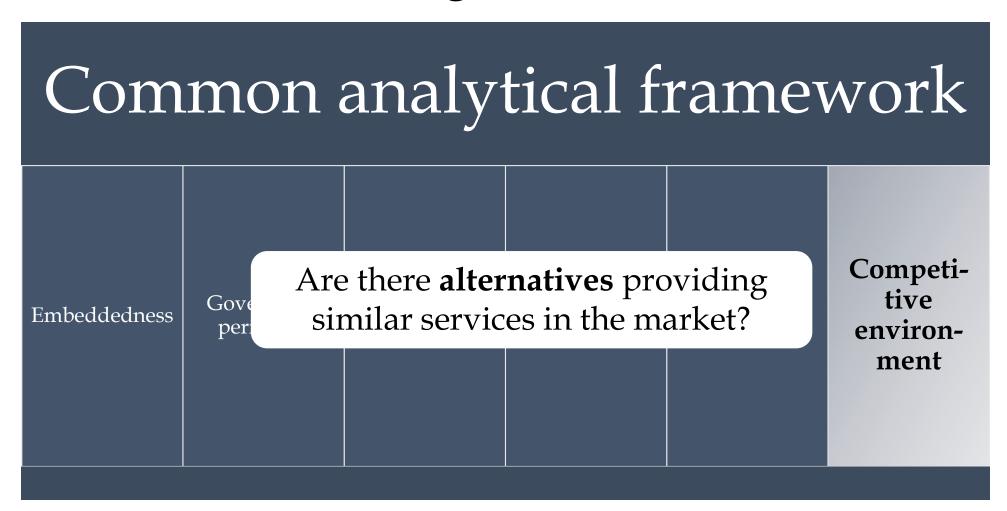












Qualitative Approach

Multiple Case Study

- In-depth interviews
- Visits
- Secondary materials

Qualitative Approach

Consumer Supported Agriculture (CSA) Minas

Brazil

Association for the Maintenance of a Peasant Agriculture (AMAP)

France

Cases CSA Minas

Worldwide known initiative that connects farmers and food consumers

Formed in 2015 by a consumers' initiative

In 2018: 5 producers and 172 consumers

Cooperative based on a short supply chain model

Weekly food baskets

Consumers are "co-producers"

Main purposes: healthy diet, sustainable agriculture and social transformation

Cases AMAP

A solidarity contract between a farmer and a group of consumers

First AMAP in 2001, 1600 AMAP groups in 2015, with 200,000 consumers

National Charter created in 2014, AMAP is a brand name since the beginning (2001)

The consumer pays in advance a fixed price, for a basket of products

Consumers are involved in the distribution and sales functions (benevolent work) every week

Main purposes: direct connection between producers and consumers, common decisions, shared values and visions about agriculture and food consumption

Agenda

Introduction

Research Goal

Theoretical Background

Methodological Procedures

Expected Results

Open governance

• Permanent possibility to revise the content of the exchange (price, quantity, quality, characteristics of production...).

Open governance

• Permanent possibility to revise the content of the exchange (price, quantity, quality, characteristics of production...).

Reciprocity between players which goes beyond monetary terms

• Towards a new type of "barter economy" or "social exchange economy"?

Open governance

• Permanent possibility to revise the content of the exchange (price, quantity, quality, characteristics of production...).

Reciprocity between players which goes beyond monetary terms

• Towards a new type of "barter economy" or "social exchange economy"?

Empowerment as a basic principle

• Producers and/or consumers are more active in the decision making processes.

Open governance

• Permanent possibility to revise the content of the exchange (price, quantity, quality, characteristics of production...).

Reciprocity between players which goes beyond monetary terms

• Towards a new type of "barter economy" or "social exchange economy"?

Empowerment as a basic principle

• Producers and/or consumers are more active in the decision making processes.

Socially-embedded coordination mechanisms

• Mid-, long-term commitment based upon direct personal contacts and shared values (role of sensemaking).

References

- Lamine, C., Renting, H., Rossi, A., Wiskerke, J. H., & Brunori, G. (2012). Agri-food systems and territorial development: innovations, new dynamics and changing governance mechanisms. In *Farming Systems Research into the 21st century: The new dynamic* (pp. 229-256). Springer, Dordrecht.
- Martino, G., Karantininis, K., Pascucci, S., Dries, L., & Codron, J. M. (Eds.). (2017). It'sa jungle out there-the strange animals of economic organization in agri-food value chains. Wageningen Academic Publishers.
- Ménard, C. (2004). The economics of hybrid organizations. Journal of Institutional and Theoretical Economics JITE, 160(3), 345-376.
- Ménard, C. (2013). Plural forms of organization: where do we stand? *Managerial and Decision Economics*, 34(3-5), 124-139.
- Ménard, C. (2018). Organization and governance in the agrifood sector: How can we capture their variety? *Agribusiness*, 34(1), 142-160.
- Mount, P. (2012). Growing local food: scale and local food systems governance. *Agriculture and Human Values*, 29(1), 107-121.
- Pascucci, S. (2010). Governance structure, perception, and innovation in credence food transactions: The role of food community networks. *International Journal on Food System Dynamics*, 1(3), 224-236.
- Pascucci, S., Lombardi, A., Cembalo, L., & Dentoni, D. (2013). Governance Mechanisms in Food Community Networks. *Italian Journal of Food Science*, 25(1).
- Raynaud, E., Sauvée, L., & Valceschini, E. (2009). Aligning branding strategies and governance of vertical transactions in agrifood chains. *Industrial and Corporate Change*, 18(5), 835-868.
- Renting, H., Marsden, T. K., & Banks, J. (2003). Understanding alternative food networks: exploring the role of short food supply chains in rural development. *Environment and planning A*, 35(3), 393-411.

13th International European Forum (Igls-Forum) on System Dynamics and Innovation in Food Networks February 18-22, 2019, Garmisch-Partenkirchen, Germany

Thank you!

Loïc Sauvée

INTERACT Research unit, UniLaSalle, Beauvais, France loic.sauvee@unilasalle.fr

Marcia Dutra de Barcellos

PPGA/UFRGS, Porto Alegre, RS, Brazil Aarhus University, Denmark marcia.barcellos@ufrgs.br

Natália Rohenkohl do Canto

PPGA/UFRGS, Porto Alegre, RS, Brazil Aarhus University, Denmark <u>natalia.canto@ufrgs.br</u>

Daniele Eckert Matzembacher

PPGA/UFRGS, Porto Alegre, RS, Brazil daniele_eckert@yahoo.com.br





