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# FACING RISKS: INSTITUTIONAL AND ORGANIZATIONAL RESPONSES

GAIA Centro di Studi sull'Organizzazione Economici dell'Acrico tura e sullo Sviluppo Rubale

ACCADEMIA DEI GEORGOFIL





#### WHAT WE WANT TO SHOW:

## INSTITUTIONAL CONSTRUCTION OF VALUE





#### ... in relation to the theme of today:

# INSTITUTIONAL MODALITIES TO FACE RISKS by SHARING RESOURCES &

#### **BUILDING JOINT CAPABILITIES**

(if successful: rents to be shared)



# **OUR ASSUMPTION:**

#### COOPERATION IS ABOUT MODALITIES FOR FACING RISKS

# **OUR QUESTION:**

## WHAT DRIVERS CAN MAKE <u>COOPERATION</u> SUSTAINABLE AND EFFICIENT?





## **OUR ANSWER:**

# DRIVERS ARE EMBEDDED IN DIFFERENT INSTITUTIONAL LAYERS

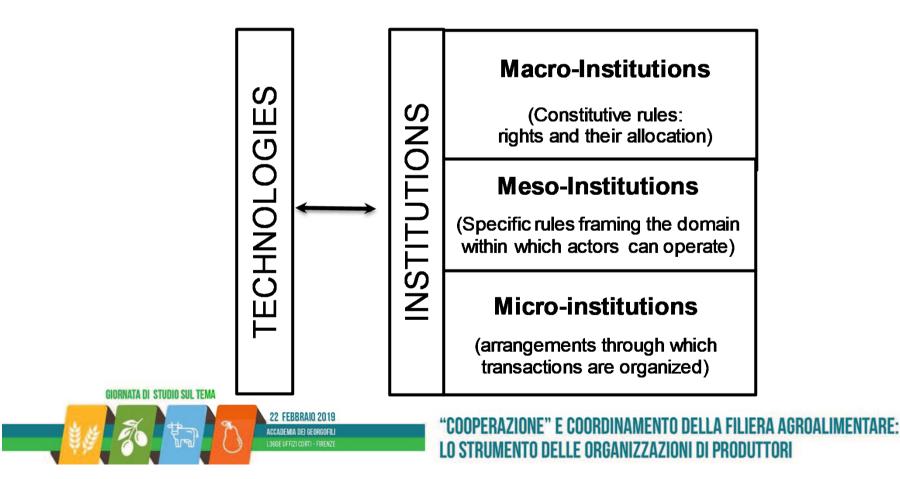
#### THROUGH WHICH TO DEAL WITH DIFFERENT

# **TYPES OF RISK**





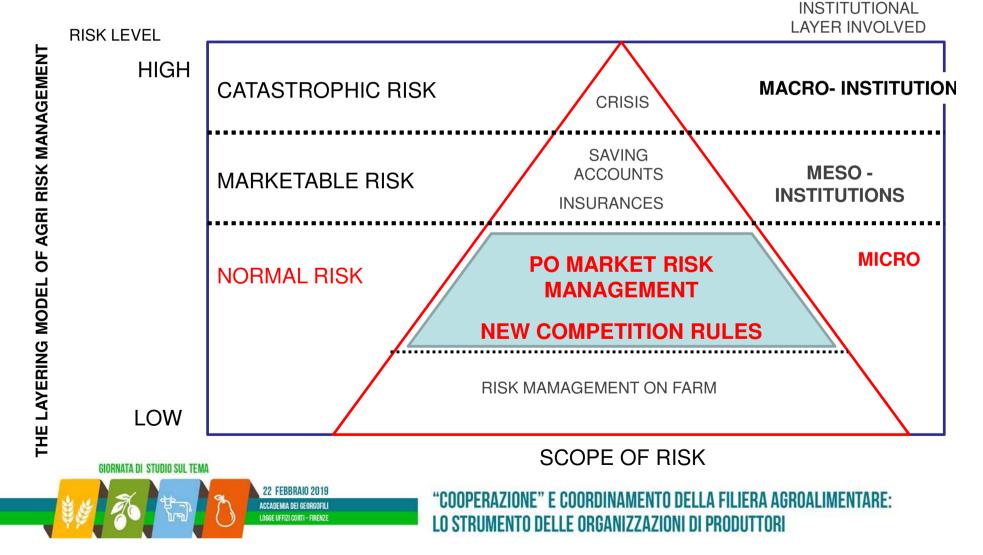
#### **INSTITUTIONAL LAYERS** (WITH RELATION TO TECHNOLOGY)



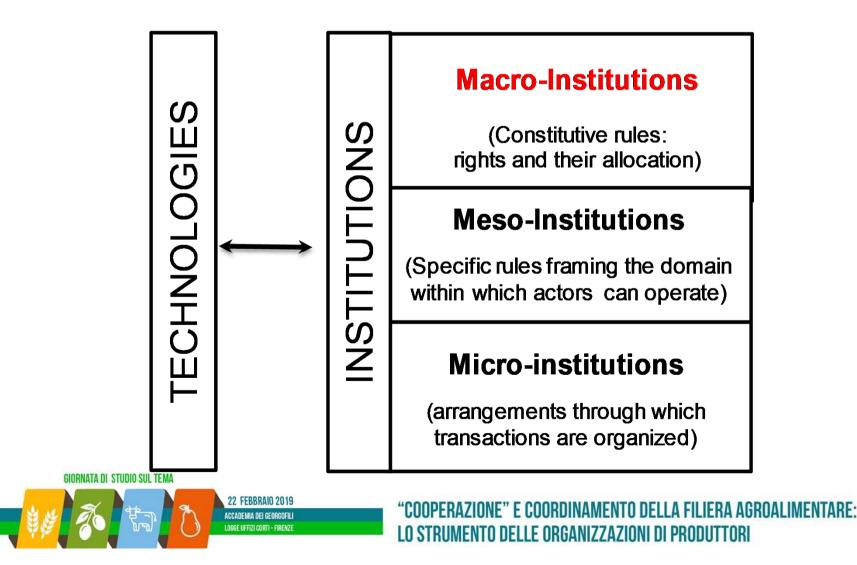


#### FACING RISKS: INSTITUTIONAL AND ORGANIZATIONAL RESPONSES (1) OUTLINE - DANIELA TOCCACELI

#### WHAT KIND OF RISK?









#### **Ex.: European Parliament**







#### 2) WHAT ARE 'MACRO-INSTITUTIONS?

# Entities through which rules and rights are defined/delineated

### Ex. of <u>entities</u>: European Parliament, European Commission, Courts ...

Ex. of <u>rules and rights</u>: Agricultural Policy

(See presentation of **Bruno Buffaria**)





NATA DI STUDIO SUI TEM

FACING RISKS: INSTITUTIONAL AND ORGANIZATIONAL RESPONSES (2) MACRO-INSTITUTIONS

2a) WHAT FUNCTIONS WITH RESPECT TO RISK? Institutional insurance

- \* Securing rights (Property & Decision)
- \* **Compensation mechanisms** (prices, quotas)

#### Main consequence:

#### **INNOVATION IS AND MUST BE LIMITED**

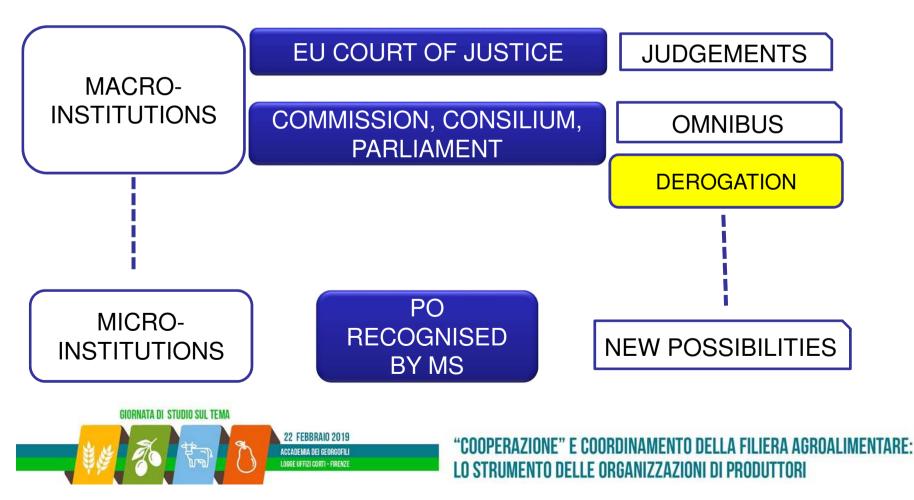
**Stability & predictibility of rules is key issue** 



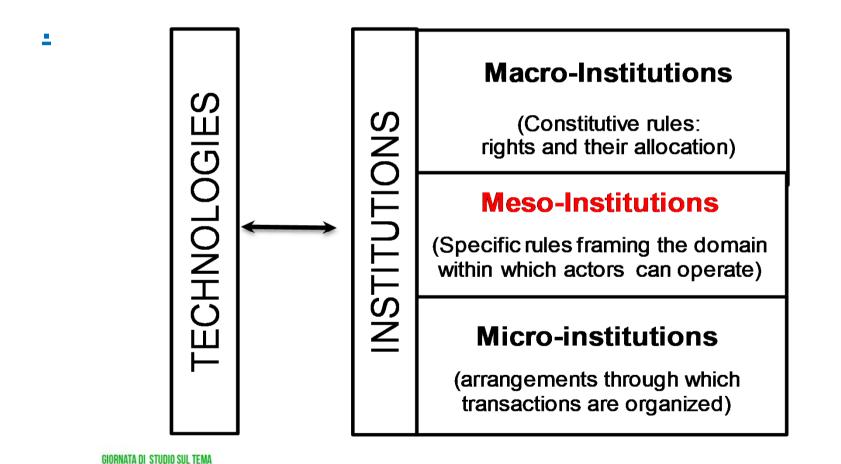


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#### 2b) EXAMPLE OF REG. OMNIBUS







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#### 3) WHAT ARE 'MESO-INSTITUTIONS'?

# Entities through which norms and rules are actually implemented and controlled

Ex. of <u>entities</u>: Certifying organizations (e.g., VALO ITALIA), regulatory agencies (competition...)
Ex. of <u>norms and rules</u>: Protocols, agreements,

"disciplinare di produzione"

See presentation by <u>Andrea Comacchio</u>





### **3a) WHAT FUNCTIONS WITH RESPECT TO RISKS?**

Allocating, monitoring and smoothening risks

- \* **Building cooperation** (Incentives AND trust)
- \* Harmonizing practices (through procedures, protocols)

Main consequence

### **COORDINATION & ENFORCEMENT = KEY ISSUES**

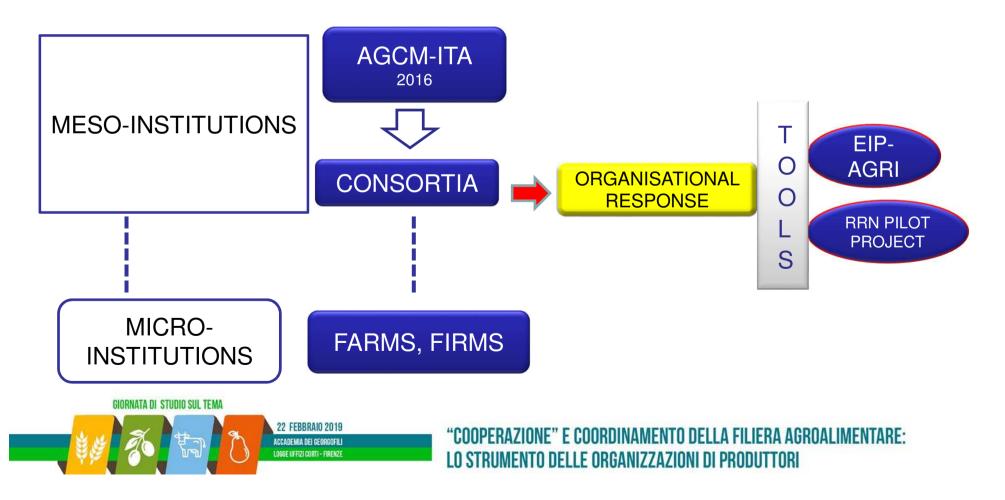
Defining tools to discipline parties: <u>Rewards and Penalties</u>



FACING RISKS: INSTITUTIONAL AND ORGANIZATIONAL RESPONSES (3) MESO-INSTITUTIONS DANIELA TOCCACELI



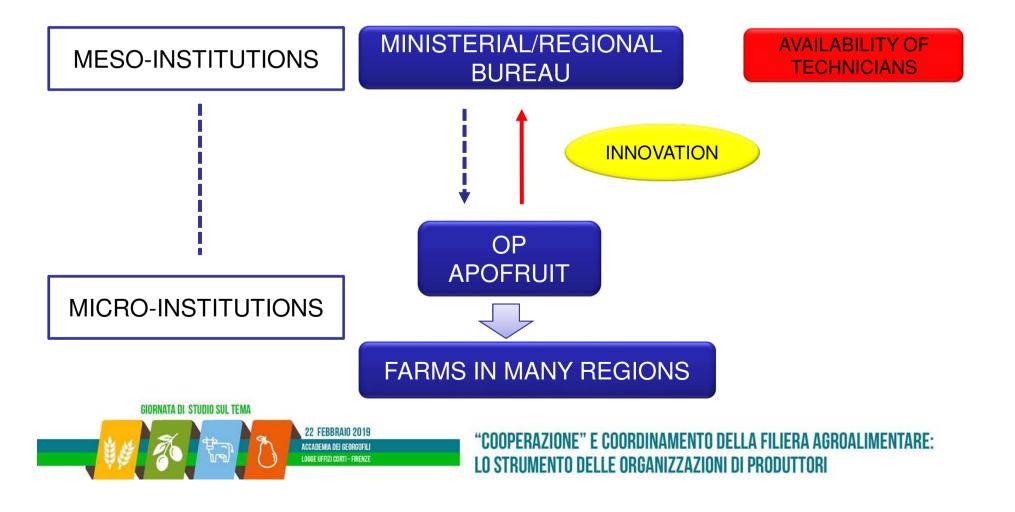
# **3b) HOW MESO AND MICRO INTERACT: THE EXAMPLE OF D.O. WINE CONSORTIA**



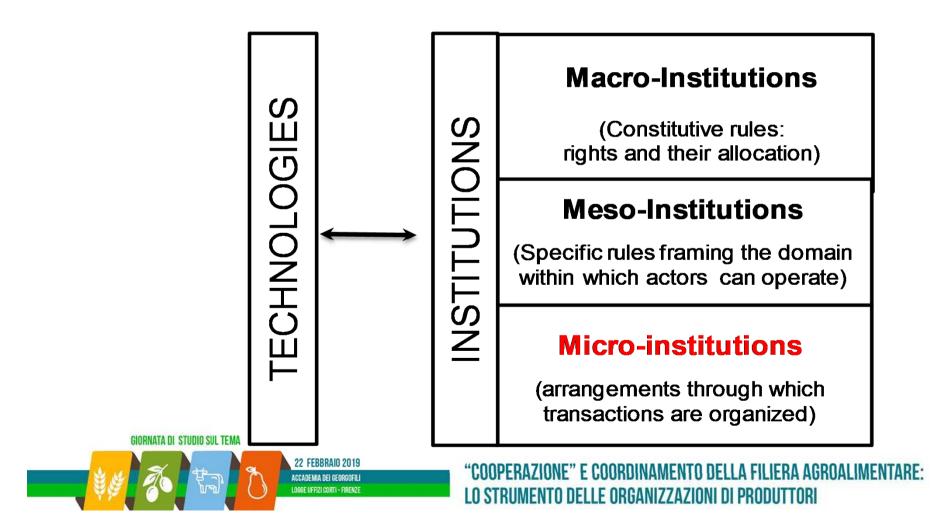


FACING RISKS: INSTITUTIONAL AND ORGANIZATIONAL RESPONSES (3) MACRO-INSTITUTIONS DANIELA TOCCACELI

#### **3c) HOW MESO AND MICRO INTERACT:** THE EXAMPLE OF MONITORING CMO OPERATIONAL PROGRAM









#### **Tuscan Olive Oil**



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#### 4) WHAT ARE 'MICRO-INSTITUTIONS'?

# Entities through which transactions are actually organized in order to create value.

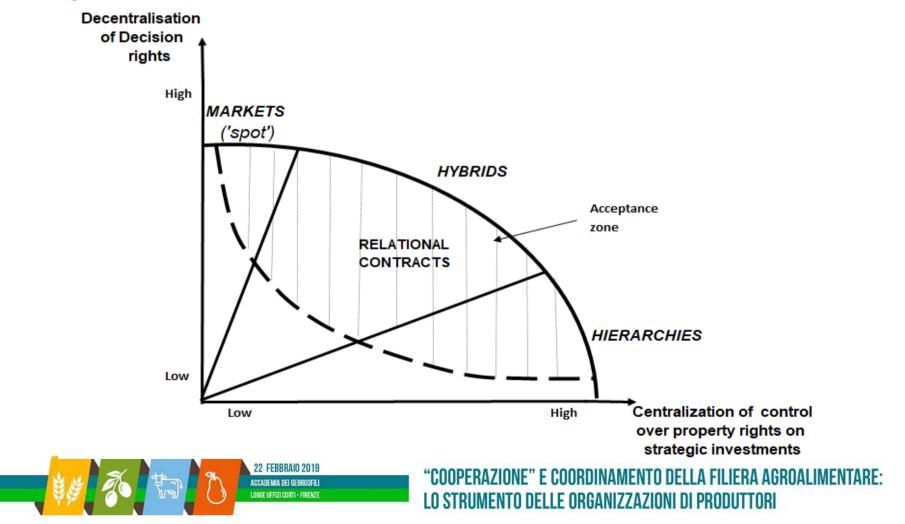
# Ex. of <u>entities</u>: producers organizations, coops, farm, firm, ...

Ex. of <u>transactions</u>: 'individual' contracts

(most of the time incomplete; consequences)



#### 4a) WHAT ARE 'MICRO-INSTITUTIONS'?





4b) WHAT FUNCTIONS WITH RESPECT TO RISKS? Safeguarding // Creating value through

- → Organizational innovation:
  - \* Securing transactions (ex.: UTP) through risk sharing
  - \* Organizing allocation of rents among parties

(contractual agreements, market transparency)

- → Technological innovation
  - \* Cross-sector technologies (ex. ICT)





Main consequence

### **INNOVATION IS** <u>CENTRAL</u>

Adaptability of internal rules on organizational side

Gains and Risks of First mover on technological side

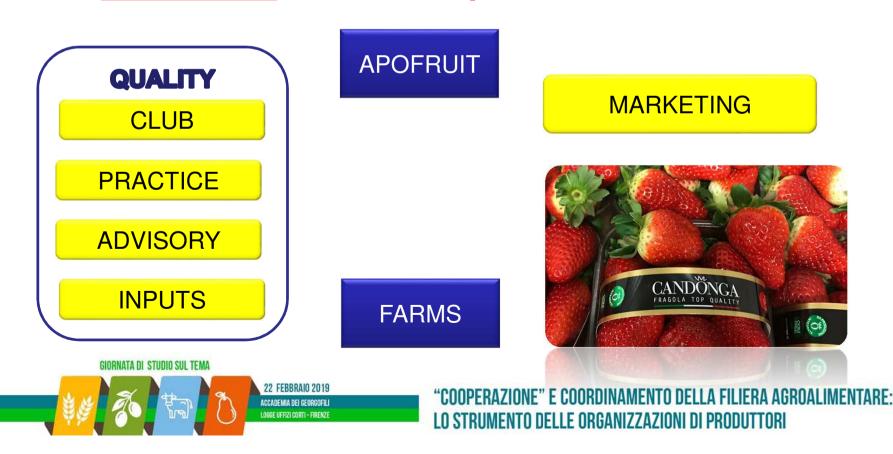
#### ADVANTAGE OF COOPERATION: SHARING EXPERIENCES AND RISKS





Daniela Toccaceli

**INNOVATION WITH ORGANIZATIONAL DIMENSION:** the <u>role of OP</u> in the example of Basilicata Strawberry





ATA DI STUDIO SUI TEM

FACING RISKS: INSTITUTIONAL AND ORGANIZATIONAL RESPONSES (5) CONCLUSION

#### **INNOVATION** is everywhere already!!!

## **INSTITUTIONAL INNOVATION:**

- Ex.: New laws; new agencies; new modes of cooperation.
  - → Pace is very different along different layers

#### **TECHNOLOGICAL INNOVATION**

Ex.: ICT, biotech, method of irrigation



#### IN ALL CASES, TRANSACTION COSTS INVOLVED

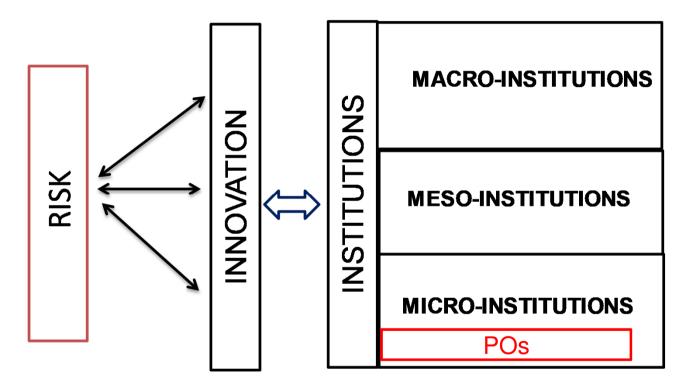
Transaction costs: costs of reorganizing, of switching to a different technology, of bureaucracy ...

- (1) costs vary according to alignment (+/-) between a transaction and its organization
- (2) choosing the appropriate organization is central



#### FACING RISKS: INSTITUTIONAL AND ORGANIZATIONAL RESPONSES (5) CONCLUSION Daniela Toccaceli

**IS PO THE APPROPRIATE ORGANIZATION?** 



IN THE INSTITUTIONAL CONSTRUCTION OF VALUE TO FACE RISK <u>ALL P-LAYERS</u> PLAY A CRUCIAL ROLE

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