

7 th CIRIEC International Research Conference on Social and Solidarity Economy
*«Horticultural social cooperatives and acknowledgment of
mechanical development: patterns and qualities for improving
their productivity»*

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- technological innovation by social agricultural cooperative
- emphasis on traceability and on certification of plant propagation material -> *examples of social technological innovation*

Cooperatives have been by and large considered as associations assuming noteworthy financial parts, among others, by :

- lessening exchange costs
- &
- enhancing the bartering energy of people in all divisions including farming

(Staatz, 1987; Bonin et al., 1993; Bernard et al., 2008; Francesconi and Ruben, 2012).

hypotheses of this article are:

- (1) financial and statistic factors influence the family units' enrollment choice in an agreeable
- &
- (2) participation in a helpful positively affects the income and resources of the individuals.

- Investment in Agriculture: Economic and Policy issues
 - Innovation: Definition and classifications in agriculture
 - Innovation process in agricultural production
1. Invention (it includes the scientific contribution to priority problems solving)
 2. Transformation of scientific results into novel technological processes or products
 3. Commercialization of processes or products
 4. Adoption of novel products by consumers and validation of socioeconomic benefits of the new technology.

- Drawbacks in the innovation process.
- The Role of Cooperatives into Agricultural Innovation Systems
- Introduced technologies vs. locally developed innovation and the role of Cooperatives.
- ✓ Introduced technologies
- The role of Agricultural Research Information Systems in Cooperatives innovation.
- digital connectivity//institutions and stakeholder//scientific, technical and research management information; and supports, in full or part, the infrastructure and services for electronic messaging and communication among participating institutions

Definition of rural cooperatives

❖ Innovation strategies adopted by cooperatives: A case study from Spain.

→ *The three-legged stool model for the role of research in the innovation process.*

Agricultural research-for-development (AR4D) projects: A case study from Dutch agricultural innovation system.

→ *An individual development case: traceability*

Implementing traceability solutions by cooperatives. A case study from Emilia Romagna Region (Italy)

Can cooperatives be involved in other types of traceability systems?
Geographical Indications is a promising example

The guarantee of actualizing a traceability framework
for Plant Propagation material by horticultural cooperatives.

- The underlying advantages of utilization of the more productive molecular systems
- Positive financial effects from an enhanced plant wellbeing status

Thank you! Questions?

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