

WORK AND EMPLOYMENT WITHIN THE TRANSFORMATIONS IN VALUE CHAINS AND FOOD SYSTEMS: WHAT HAS RESEARCH TOLD US SO FAR?

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VALUE CHAINS AND FOOD SYSTEMS TRANSFORMATIONS

- Value chains (VC) and food systems transformations comprise:
 - New forms of production;
 - Technologies and logistics;
 - Labor processes;
 - Organizational relations and networks.
- Mechanisms and strategies for such transformations may involve:
 - The search for new markets (value adding);
 - Changes in network structure (network position);
 - New governance and organizational forms.



WORK ISSUES IN AGRIFOOD VC

Value chain

actors' linkages

sequence of activities

value adding and distribution + other elements

Food system

intersect of elements - environment, people, inputs, processes, infrastructure, organizations, institutions,...

food security and nutrition, health, sustainability, ...

*food chain
and
systems*

*work and
employment
issues*

labor
productivity

decent work

high-quality
jobs

family farming

work
organization

others

SOME INSIGHTS FROM PARANÁ STATE, BRAZIL (1)

Family-based dairy farmers going into artisanal cheese business

- Value adding through differentiation;
- Vertical integration towards downstream stages of VC (processing, distribution);
- Access to new markets;
- Changes in VC design and governance.

How would that decision depend and impact work?

- Workload and work organization to accomplish new tasks;
- Different combinations of family and non-family work;
- Gendered labor, hired labor, family succession;
- Job qualification for the new tasks, including sales and contact to final consumers;
- job satisfaction and other social issues.



SOME INSIGHTS FROM PARANÁ STATE, BRAZIL (2)

Coffee female farmers upgrading to specialty coffee and R&G coffee to final consumers.

- value adding through differentiation / high-quality product;
- access to new markets;
- local final market / global VC;
- multi-channel;
- changes in VC design and governance.

How would that decision depend and impact labor and work issues?

- workload and work organization to accomplish new tasks;
- labor productivity;
- different combinations of family and non-family work;
- gendered work (productive and reproductive);
- hired labor, family succession;
- job qualification for the new tasks, including sales and contact to final consumers;
- insertion into new governance forms, involving quality requirements and labor protocols;
- job satisfaction and other social issues.



WHAT DOES THE STATE OF THE ART SAY?

- Literature review on work in agriculture (Malanski et al., 2022a) and its relation to value chain approaches (Malanski et al., 2022b; Malanski et al, 2022c; Leal et al., 2022) reveals an emergent topic: strategies and mechanisms transforming value chains and food systems depend and impact on work and employment issues.

The topic deserves further research!



BIBLIOMETRIC REVIEW

Aim: Characterize the scientific community, analysing links between labor issues and agrifood value chains.

- Malanski, P.D., Schiavi, S.M.A., Dedieu B., Damasceno, J.C. (2022). Labor in agrifood value chains: a scientometric review from Scopus. **International Food and Agribusiness Management Review**. <https://doi.org/10.22434/IFAMR2021.0066>
- Malanski, P.D. Schiavi, S.M.A. Dedieu, B. Damasceno, J.C. (2022). International research on labor in agri-food value chains: A bibliometric review from web of science. **Frontiers in Sustainable Food Systems**. <https://doi.org/10.3389/fsufs.2022.852178>
- Leal, J.V.B. Malanski, P.D. Schiavi, S.M.A (2022). Original contribution of Latin American and Caribbean scientific production to the international research community on work in agricultural value chains. In: 60th Congress of the Brazilian Society of Rural Economy, Management and Sociology (SOBER). **Proceedings...** <https://doi.org/10.29327/sober2022.486457>



METHODOLOGY DESIGN – ARTICLES SELECTION

Criteria	Scopus®	Web of Science™	SciELO
Geographic zone	No limitation		Latin America and Caribbean countries
Language	English		Portuguese + Spanish
Period	Until 2019	Until 2020	2012-2021
Query (Agrovoc thesaurus + non-controlled vocabulary)	TS = (("value chain*") AND (work* OR labo?r OR job* OR employ* OR occupation*))		TS = (("value chain*" OR "global value chain*" OR "global production network" OR "food chain*" OR "agr*food system*" OR "agr* food system*" OR "agr*food industr*" OR "agr* food industr*" OR "global commodity chain*" OR "short food supply chain*" OR agr?business OR agroindustr* OR agricultur* OR rural) AND (work* OR labo?r OR job* OR employ* OR occupation*))
Manual selection	Exclusion of off-topic articles related to non-agricultural sector (e.g. garment) or non-food production (e.g. fiber and fuel)		
Articles selected	208	343	271



METHODOLOGY DESIGN — KEYWORD ANALYSIS

1. Normalization of authors'

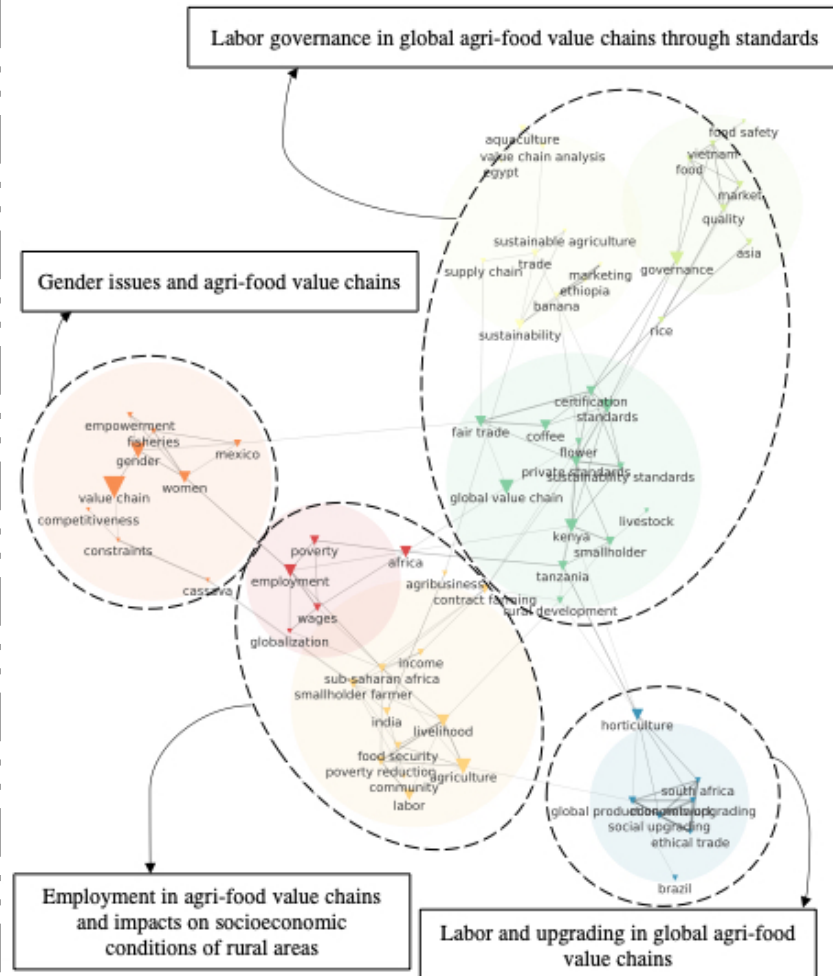
keywords:

- Singular and plural (value chain/value chains)
- British and American English (labor/labor)
- Lowercase and uppercase letter (employment/Employment)

2. Network analysis – CorText platform

- Scopus: 1323 keywords
- Web of Science: 934 keywords
- Scielo: 877 keywords





Leal et al. (2022)



COMMON RESEARCH DOMAINS

Labor governance in global
agrifood value chains through
standards

Scopus® Web of Science™

Employment in agrifood value chains
and its impacts on socioeconomic
conditions of rural territories

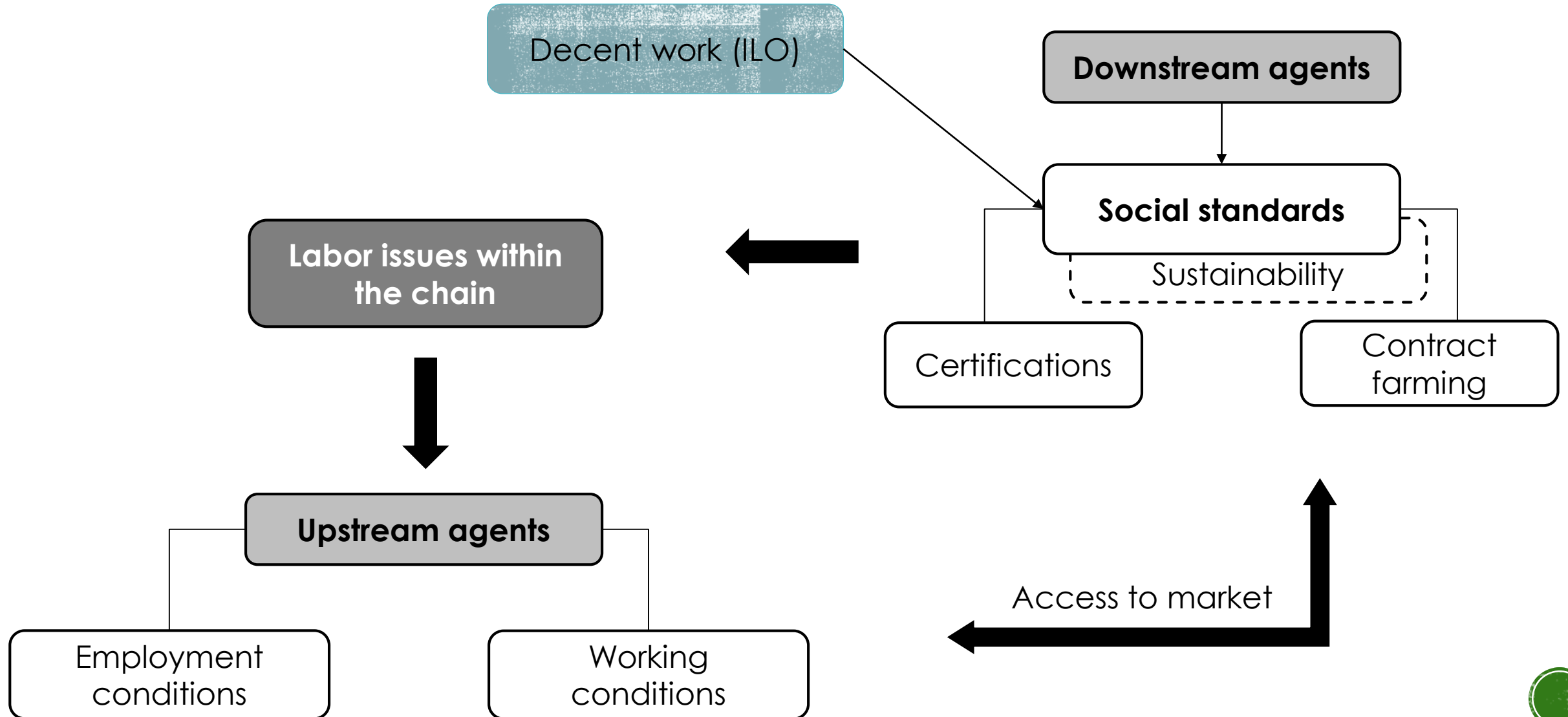
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Gendered labor issues in agrifood value chains

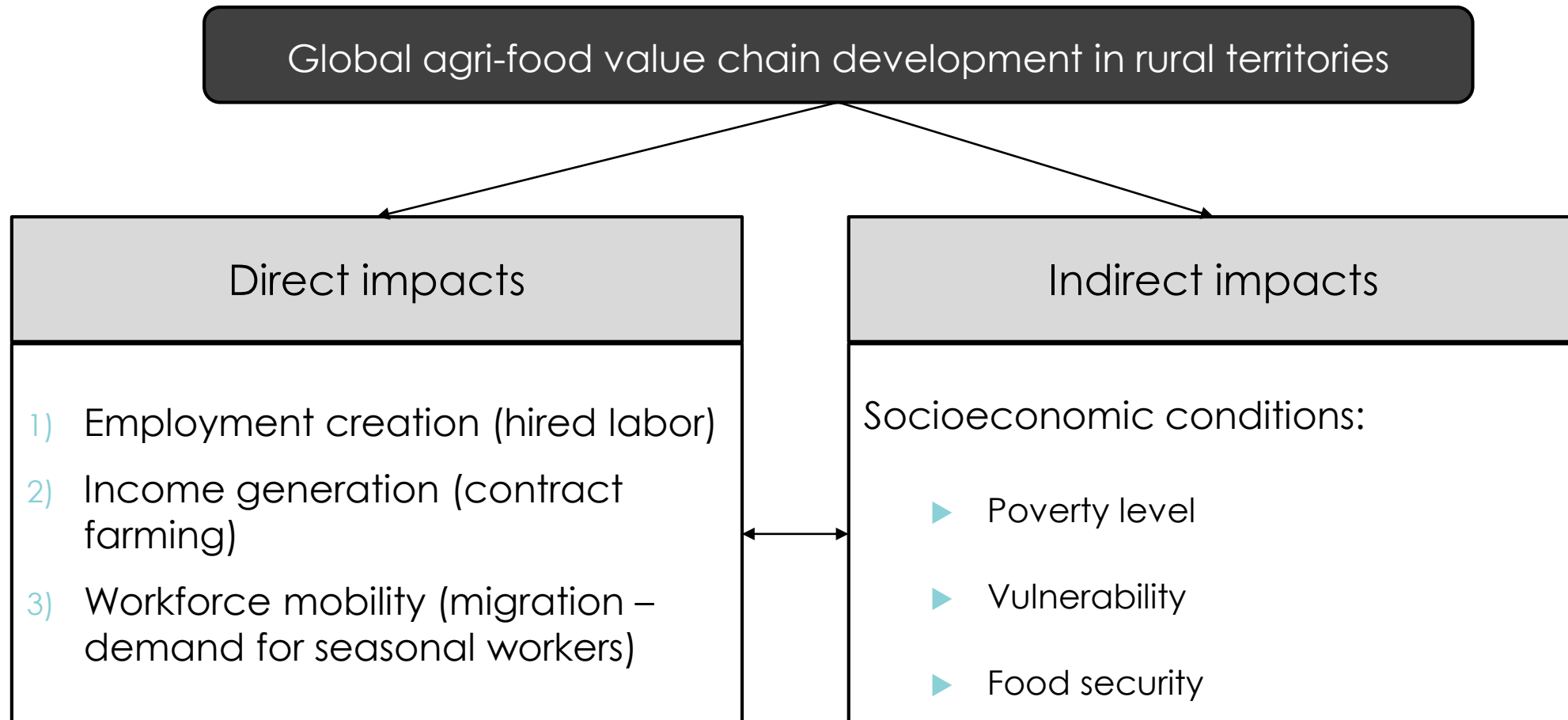
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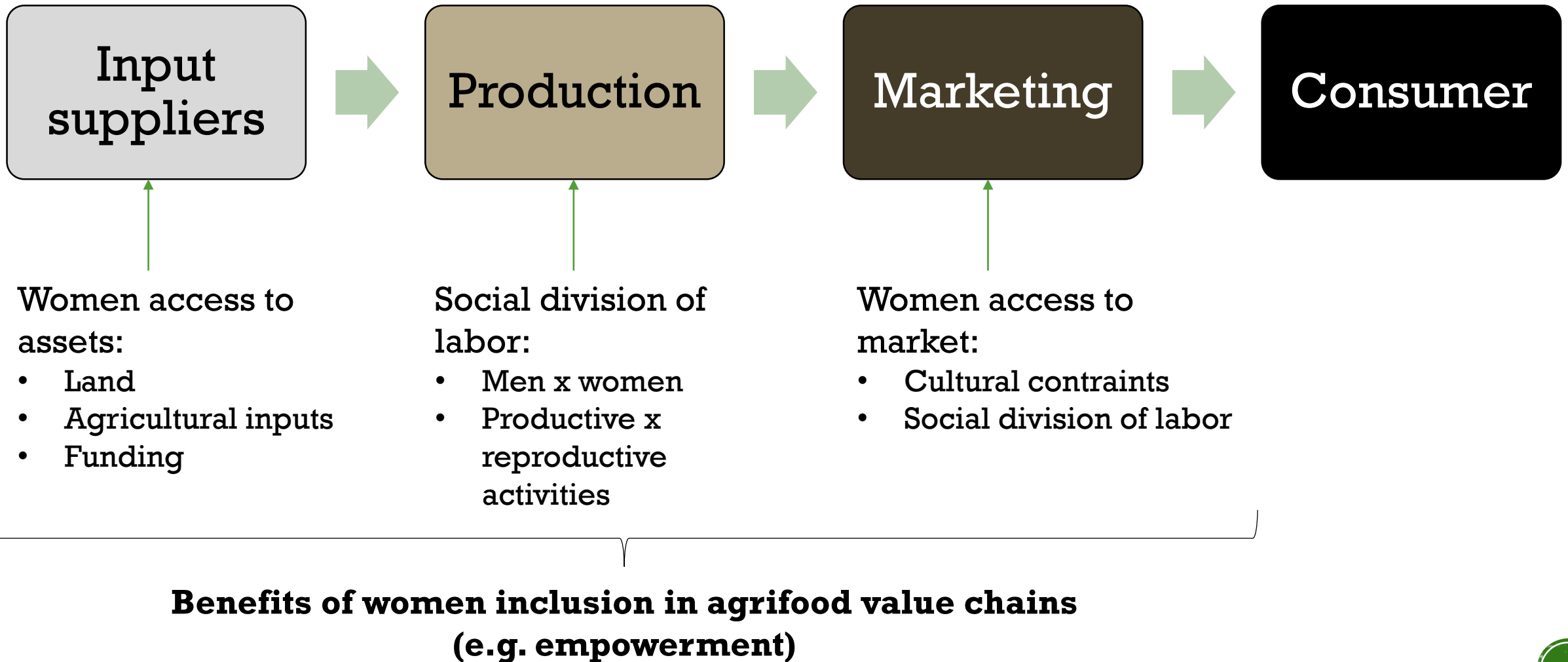
LABOR GOVERNANCE IN GLOBAL AGRIFOOD VALUE CHAINS THROUGH STANDARDS



EMPLOYMENT IN AGRIFOOD VALUE CHAINS AND IMPACTS ON SOCIOECONOMIC CONDITIONS OF RURAL TERRITORIES



GENDERED LABOR ISSUES IN AGRIFOOD VALUE CHAINS



LATIN AMERICAN AND CARIBBEAN COUNTRIES - SPECIFIC TOPIC

Asymmetric power relations in employment relationship

Racism

- White employers in hosting countries x Non-white Latino employees
- Non-indigenous people x indigenous farmers/workers

Migration

- Employment conditions
- Labor market dynamics
- Legal x illegal

Gender

- Social division of labor
- Women: barriers to work in agrifood value chains

Precarious employment and working conditions



CONCLUSION

- Interactions between upstream and downstream chain agents have impacted and being impacted by labor issues in the agrifood value chains;
- Standards for labor governance is a core subject over the past 20 years;
- The impact of labor governance goes beyond value chain economic concerns (decent work, gender, precarity, asymmetric power relations...)



THANK YOU!



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REFERENCES

- Malanski, P.D. Schiavi, S.M.A Dedieu. B. (2022a) Le travail en agriculture dans la littérature académique internationale (2010–2019). **Cahiers Agricultures**. <https://doi.org/10.1051/cagri/2022021>
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