OECD PROGRAMME OF WORK FOR 2019-20: POSSIBLE NETWORK CONTRIBUTIONS AREAS

Catherine Moreddu
Trade and Agriculture Directorate

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BETTER POLICIES FOR BETTER LIVES

General description

- continue to investigate the sources and drivers of farm-level performance, linking structural characteristics (e.g. scale, labour, diversification), integration in the food chain, technology and practices, natural assets, agri-environment and climate, policy and business environment, and individual capacity with productivity and sustainability performance.
- Gender dimensions could also be investigated.
- Extend country coverage-participation

Main areas

- Drivers of farm performance in general
- Innovation and digitalisation for sustainability, productivity and resilience
  - Adoption of digital technology
  - Developments in skills and labour: discuss structural, market and policy drivers that affect the decision to enter and exit the sector and acquire the skills needed to adopt innovative technology and practice and facilitate knowledge flows.
  - Risk management strategies
- Functioning of the food system
  - Contracting and vertical coordination - participation of farmers in value chain
  - better understanding of the economic costs and benefits of antimicrobial use. :

Integration in the food chain

- Explore the integration of farms in the food chain, as measured by membership in cooperatives and vertical contractual relationships.
- Subject to data availability, the analysis would relate farm-level performance to institutional arrangements that enable farmers to adopt new technology and business model, and manage risks.

Connection to the value chain

- This work will explore different aspects of the market structures of value chains and different forms of organisation that allow smaller farmers to participate (including drawing on information from the Farm Level Network, see 3.2.1.2.4); creation of market niches, including for higher value products; digitalisation and new possibilities for connecting to value chains; and farmer income (including discussion of share and non-farm income).

Stocktaking and future

- It is proposed to begin the Network's 2019-20 PWB with a stocktaking of what has been accomplished and a reflection on how best it can continue to contribute to furthering the work of the Committee.

Parallel project

- The aim is to use a simple (reduced-form) econometric approach to assess the environmental impacts of different types of agricultural support policies (market price support, production coupled payments, decoupled payments, investment support etc.). Drawing on a sample of individual farms, the aim is to quantify the effect of support policies on farms' input use and land allocation decisions. We plan to use these estimated coefficients to calculate the elasticities of input use and land allocation with respect to different support policies. These elasticities will then be used to calculate changes in input use, land allocation and output, which will in turn be combined with environmental process functions (nitrogen runoff, phosphorus runoff, GHG emissions and biodiversity) in a second step to simulate environmental impacts with and without policy.

- We would like to get a permission to use same data what Prof. Johannes Sauer has employed in his study for the OECD and we would like to collaborate with him in this analysis. .