

Preliminary Proposal  
Special Issue in *Agricultural Systems*  
*Social networks: what insights for the transition toward sustainable agriculture?*

**Dynamics and impacts of the on-farm network *European Coordination Let's Liberate Diversity!***

*Mathieu Thomas<sup>1,2</sup>, Matthias Lorimer<sup>3</sup>, Sélim Louafi<sup>1,2</sup>, Riccardo Bocci<sup>4</sup>*

<sup>1</sup>CIRAD, UMR AGAP Institut, F-34398 Montpellier, France, <sup>2</sup>UMR AGAP Institut, Univ Montpellier, CIRAD, INRAE, Institut Agro, F-34398 Montpellier, France, <sup>3</sup>European Coordination Let's Liberate Diversity, Florence, Italy, <sup>4</sup>Rete Semi Rurali, Florence, Italy

The European Coordination Let's Liberate Diversity! (EC-LLD) is a social movement that promotes the dynamic *on-farm* management of agrobiodiversity through exchange of knowledge and skills associated with farmer seeds and its use between the different national initiatives by organizing multi-stakeholder meetings. With the participation of farmers, local associations, hobby gardeners, seed craftsmen, small breeding companies, farmers unions and also researchers, these meetings, help local and national organizations legitimize the promotion of agrobiodiversity. One of the aims of this presentation is to represent and analyze the structuring effect of this movement through the organization of these meetings. Using registration lists and programs, we analyzed 13 events organized between 2005 and 2019 in Europe with a total of 1709 entries. The list of participants and their affiliations has been organized and additional information such as the scale of action of the organizations or the type of organization has been collected with the help of the EC-LLD members. A latent Block biclustering on the bipartite participation matrix (organizations x event) revealed a core-periphery-like structure with strong heterogeneity in terms of meeting participation and organizations status and role in the overall picture of the movement. It is worth noting that a set of rotating organizations in different countries allows the participation of more local organizations, increasing the opportunity to be put in touch with the most active and structured European organizations. This network analysis highlights the key role of few farmers' organizations in structuring the dynamic management of agrobiodiversity at the European scale.