

# Looking for an enabling environment to foster soil carbon sequestration



## Project background

The adoption rate of new practices contributing to the 4 per 1000 objectives and their duration of implementation are critical for its impacts at global scale. We organized participatory multi-stakeholders workshops to contribute to a better understanding of what could be an enabling environment in the context of the 4 per 1000 Initiative. To address diversity of agro-environmental and socio-economic conditions, we gathered stakeholders from contrasted sites in Europe and Africa.

### Objectives

1. Identifying constraints to the adoption of 4 per 1000 innovations
2. Identifying actions to alleviate these constraints

### Methodology

Participation of 48 farmers, agricultural organizations and agricultural schools, agro-industries, administrations, NGOs, donors and research organizations

#### Multi-stakeholders workshop in France

Four case studies :

1. Polyculture - cattle breeding
2. Cattle breeding
3. Field crops (wheat, barley, rape seed)
4. Vineyard

#### Multi-stakeholders workshop in Senegal

Four case studies :

1. Peri-urban agriculture
2. Irrigated agriculture
3. Agroforestry
4. Rainfed agriculture - livestock



Working group « Agroforestry in Senegal » at work © Cirad

## Contact

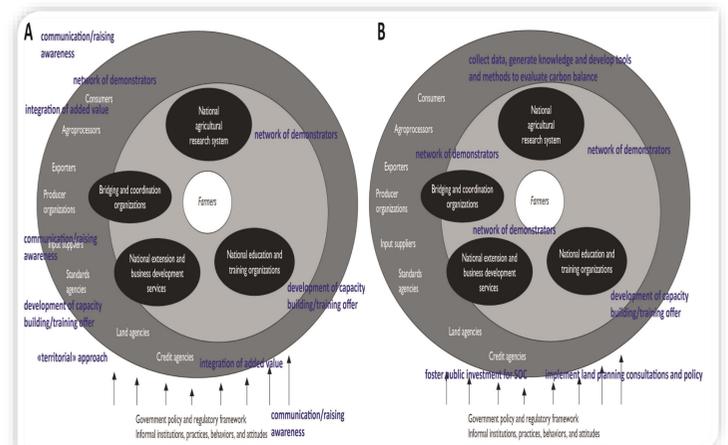
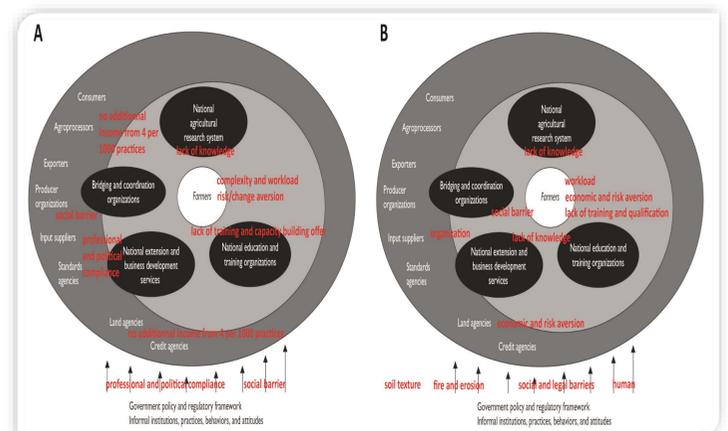
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### Results



Constraints (Top, red) and actions (Bottom, blue) in relation to Agricultural Innovation System  
 A) Western Europe B) Western Africa

## Outcomes

- Most barriers relate to the enabling environment and not to technical issues
- Holistic approach, based on Agricultural Innovation System, necessary to foster soil carbon sequestration
- Development of integrated landscape approach identified as a way forward for both Europe and Africa

