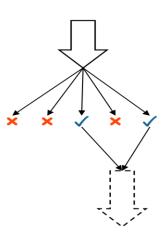
What is the potential of the ecosystem service framework to support agroecological transitions?

- Food for thought...
- Energizer
- World café 3 questions + report back





Framework 1



Step 1 - What is

Develop a shared systemic approach (biophysical, socio-cultural and/or economic domains) see also Fig. 1

Step 2 - What could be

Explore potential evolutions of the system ((un-)manageable drivers of change, power relationships)

Step 3 - What should be

Select acceptable pathways of change (diversity of value backgrounds and perceptions)

Step 4 - Toward a renewed 'what is'
Collectively propose and implement change
(coevolution of approaches, iterative consultations)

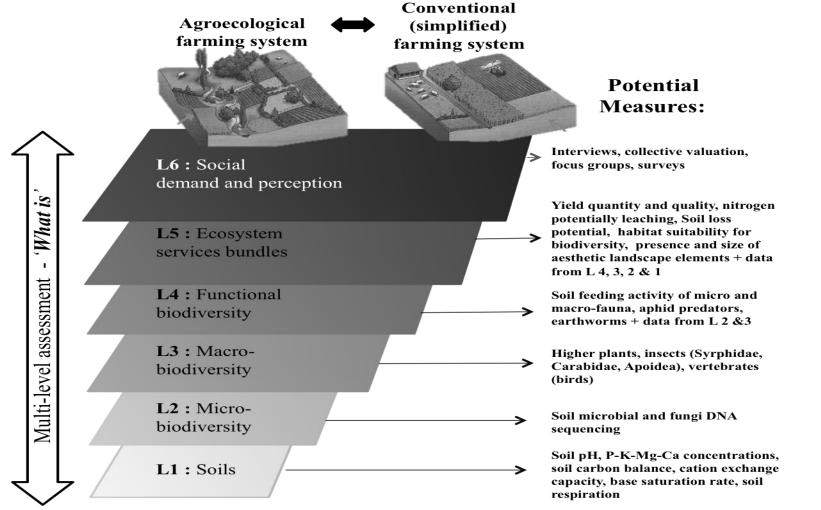
Expected outcomes

- → Assessment of current supply and demand of ES bundles
- → Identification of plausible transformations of the agroecosystem and of related ES bundles
- → Selection of the most acceptable pathway in terms of ES potential and values held
- → Implement selected update of the supply and demand of ES bundles

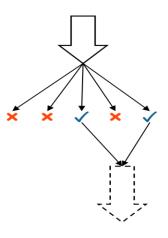
Example

- Assessment of a current issue of low erosion control
- Scenario A transformation towards hedge planting Scenario B - transformation towards no-till agriculture
- Choice of scenario B identified as having locally the highest potential in terms of erosion control and most valued by stakeholders
- Implementation of no till agriculture on the ground → modification of other ES flows, e.g., provides a soil favorable to micro-organisms and enhances the ES 'soil formation'

Dendoncker et al. In review



Dendoncker et al. In review



Step 1 - What is

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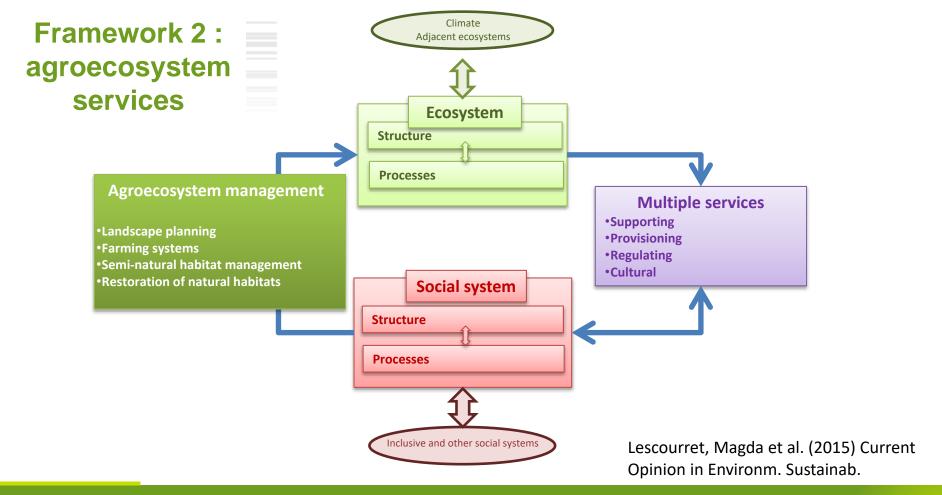
Assessment of a current issue of low erosion control

Scenario A - transformation towards hedge planting Scenario B - transformation towards no-till agriculture

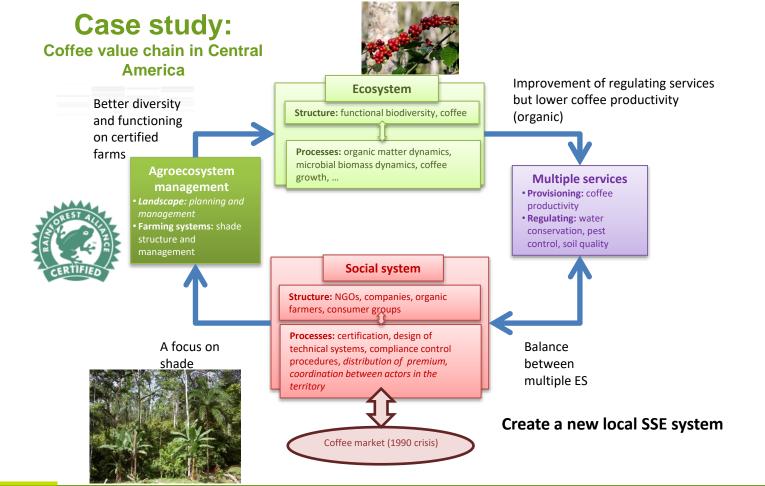
Choice of scenario B - identified as having locally the highest potential in terms of erosion control and most valued by stakeholders

Implementation of no till agriculture on the ground → modification of other ES flows, e.g., provides a soil favorable to micro-organisms and enhances the ES 'soil formation'

Dendoncker et al. In review

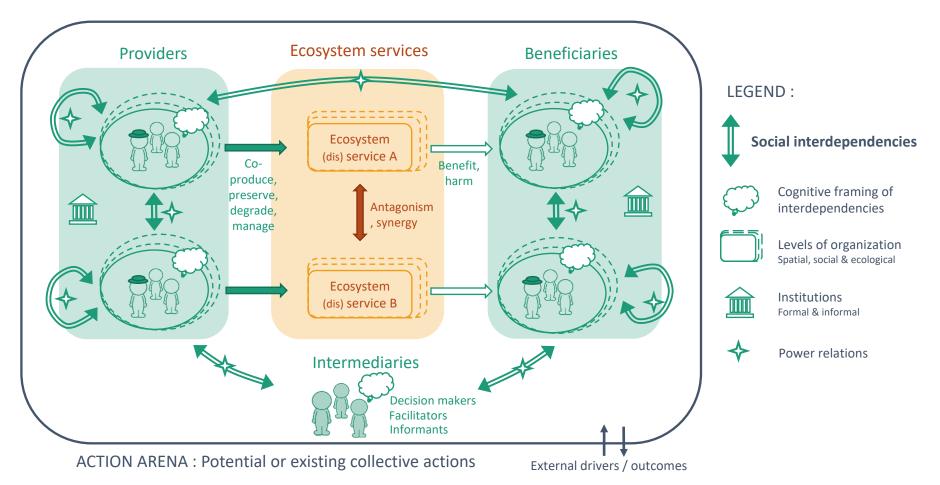




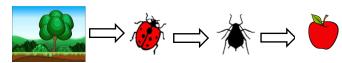


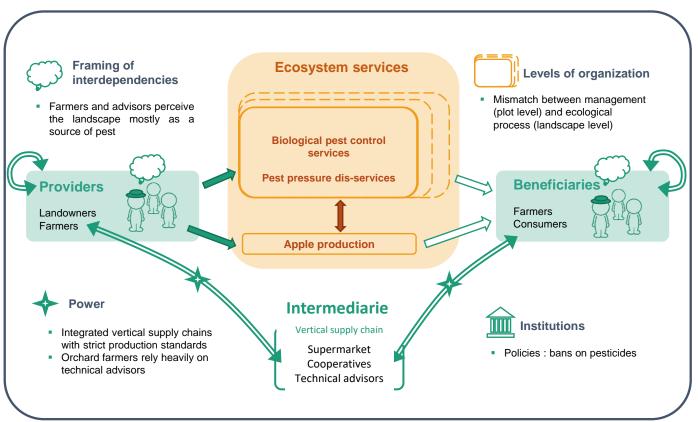


Fram. 3: Using an ES lens to highlight social interdependencies and reflect on collective action



Example: insect pest regulation at the landscape scale





No pre-existing action arena for insect pest regulation at landscape scale

World café - 3 questions

1. What are the potential and limitations of the ecosystem service framework to support the **understanding** of agroecological transitions?

2. What are the potential and limitations of the ES framework to support the **design and steering** of agroecological transitions?

operationalize these ideas?

3. What could we **do concretely** to