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Potential benefits of agroforestry systems integrating livestock activities in Guadeloupe (FWI).

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The value-enhancement of Guadeloupe's forests (71,500 ha, representing 44% of the total land area) is a major challenge for the territory in terms of agroecological transition combined with diverse ecosystem services (ES). In a first step (Abstract Nunc 226-F9MF-2012) the agroforestry systems in Guadeloupe have been described. One of the conclusions is that complete mixed systems (tree-crop-livestock) should be promoted for the provision of multiple ecosystem services.

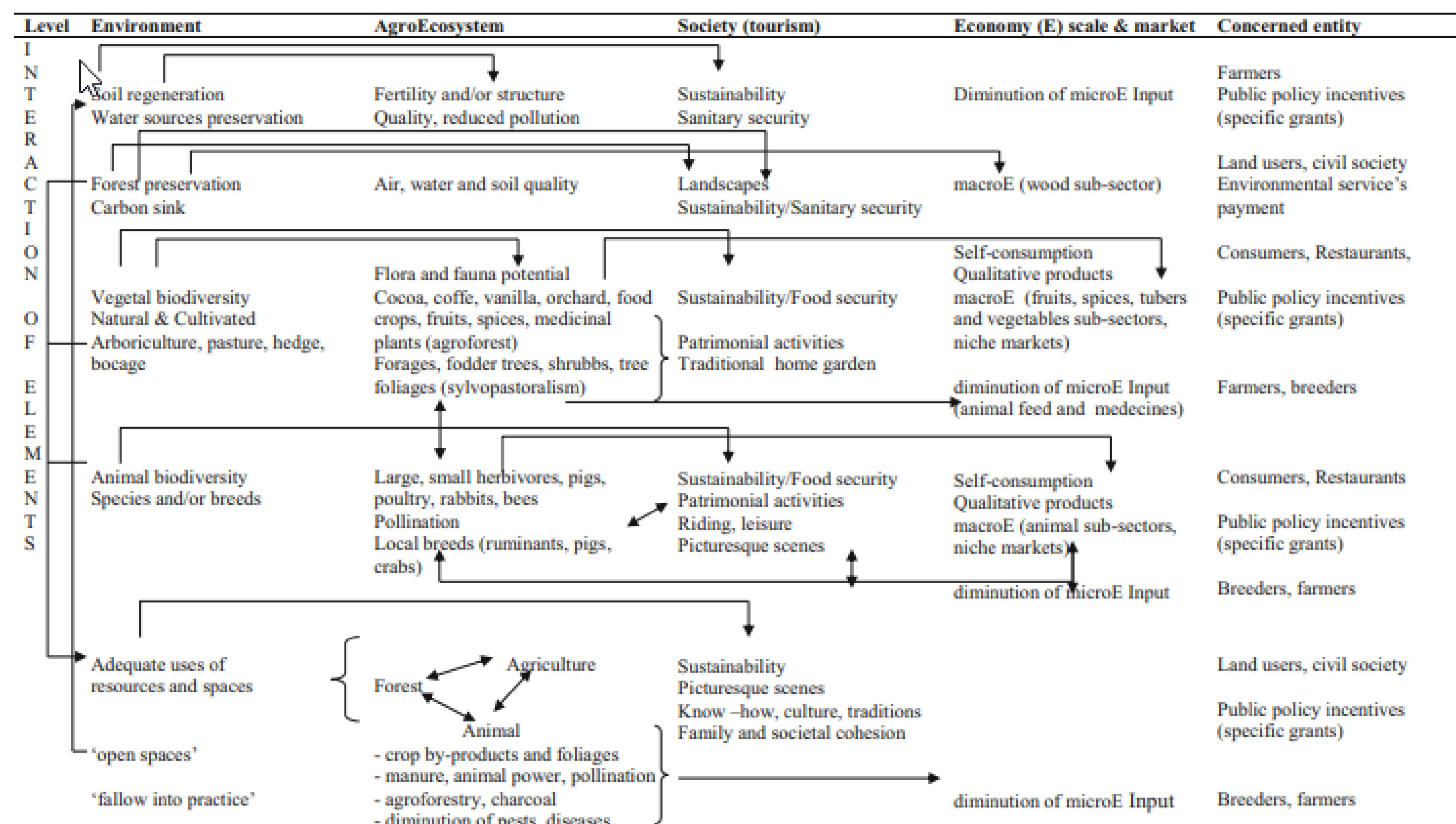


Owing to different interviews (51 stakeholders (table 1) and 50 farmers, (see abst 226-F9MF-2012) and 2 focused group discussions, the main interactions existing between systems of production, environment, society, economy and tourism were described.

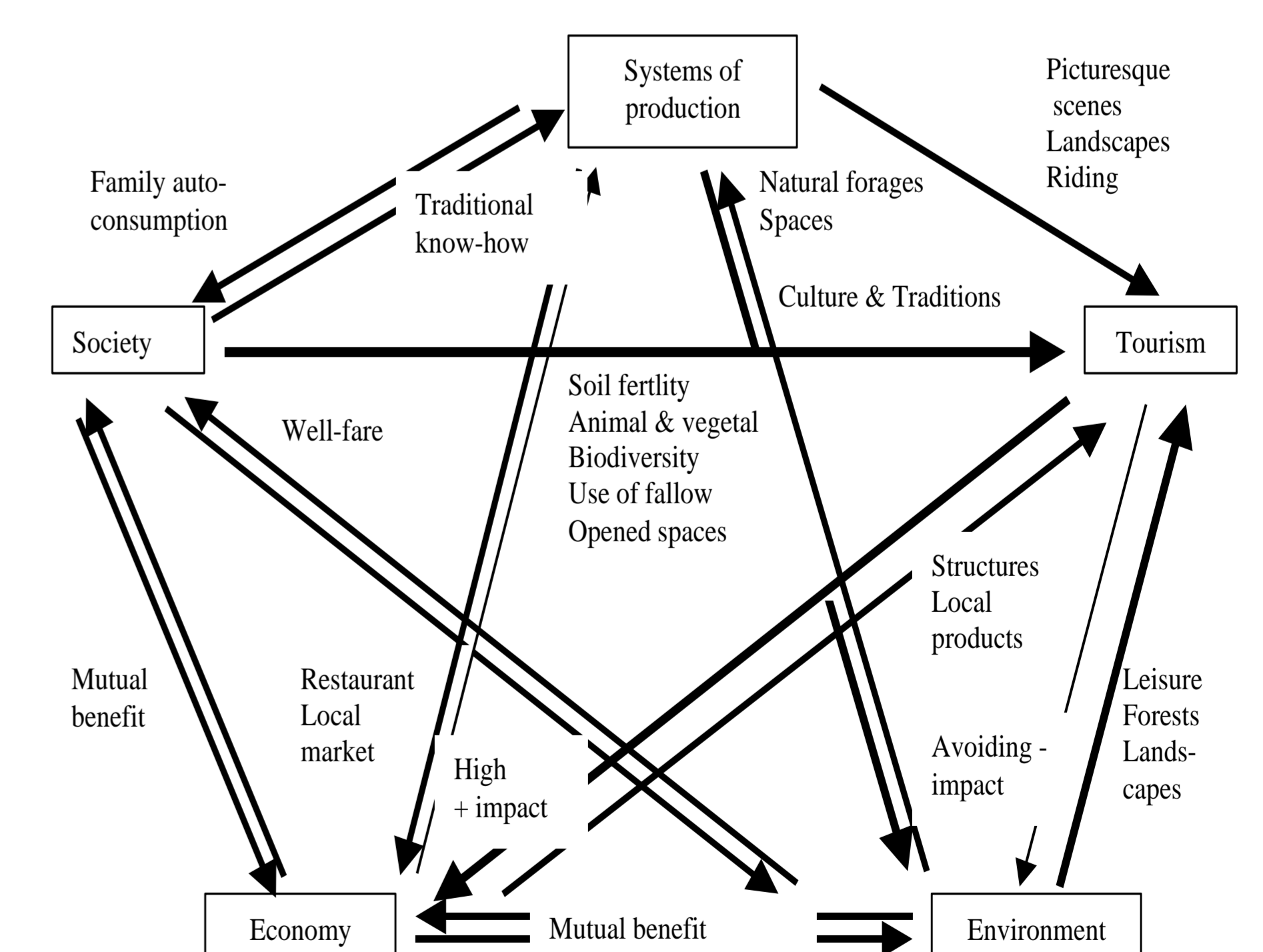
Description of the experts and stakeholders (n = 51) interviewed during the study.

Type of stakeholders	Experts	Professionals	Institutionals	Economic units	Individuals
In %	41	16	19	12	12
Area of activities	Strictly agri-forestry		Strictly animal breeding		The two Large area
In %	31	31	18	20	
Gender	Woman		Man		
In %	14		86		

None of the people interviewed were familiar with, the term 'ecosystem services'. However, several interviewees had an good intuitive understanding of the ecosystem services concept and used expressions such as 'utility of diverse natural environment, ...' or '... benefits from mother nature ...'. Others interpreted ES as the responsibility that humans have to preserve nature.



The term 'potential benefits' is used because the functions of agro-ecosystems are converted into services only when they are used, consumed or appreciated by humans.



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