



























→ Similar initiative by Coca Cola in Southern Portugal: 17 €/ha to FSC certified forests hosting and managing water-filtration areas
TESAF remembers







































- Payments are activated only through lobbying (the representatives of the land owners are weaker than the local water authorities, always oriented to reduce their tariff)
- Investments in the catchment areas are not always based on clear criteria (in Veneto they are used for all public works, some of them – i.e. mountain road construction – having negative externalities on water quality!)
- In any case, a PES-like scheme based on a public regulative frame with no direct payment to the externality providers

TESAF Dourtmente Terstons











Some barriers in the development of PES initiatives

Barrier category	Challenges
Informational	Lack of awareness among beneficiaries and providers
Technical	Scientific uncertainty, Baselines, Leakage, ES valuation, Excludability and free riding, Shortage of skills and experience
Spatial	Spatial variability of ES
Temporal	Permanence, Time lags, Different time horizons
Financial	Perceived risks, High start-up and Transaction costs
Institutional	Perverse incentives, Complex policy environment
Legal	Property rights and other issues
Cultural	Aversion to paying for ES, Lack of trust, Terminology
Equity	Perceived unfairness
	Source: modified from DEFRA, 2011
SAF Burtiness Tenton Contraction	















Financialization and commodification of natural resources (Kill, 2014)

A process whereby the natural functions and processes of forests, woodlands, meadows, mountains and other natural areas become treated as a range of 'ecosystem services' including biodiversity, regulation and filtration of water, carbon storage and sequestration, the economic value of which can be calculated and expressed in monetary terms. **Financialization** transforms both everyday perceptions and policy, **and involves not only the framing and valuation** of these natural spaces **in economic terms** via commodification, monetization, commercialisation, **but also their integration into financial markets as a tradable asset**.

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