



WHY ARE THEM IMPORTANT

There is a growing consensus that national economies depend upon intact and resilient ecosystems: the world's natural capital is *as important* to economic development as its stock of human and manufacturing capital. Human well-being, and the survival of biodiversity, depends on keeping natural capital stocks in intact ecosystems above critical thresholds that will allow them to produce continuing flows of ecosystem services such as clean water, productive forests fisheries, and farms, stable weather, and buffers to the spread of disease

ECONOMIC VALUE

 Where economic value can be attached to the provision of these services, beneficiaries and other stakeholders can be engaged to ensure maintenance of intact ecosystems. This maintenance and value not only provides valuable economic incentives and livelihood benefits, but also provides extra resources and opportunities to engage larger sectors of the public important for conserving biodiversity



















Environmental Services Payment Program: Legal framework

The Forestry Law states

" Forests, forest plantations and other ecosystems provide essential services to the people and economic activities, at the local, national and global levels".

Protection of water resources for different uses

Mitigation of greenhouse effect gases and carbon fixation

Protection of biodiversity

Landscape/scenic beauty

Payment for environmental services is the mechanism implemented to pay the owners of land by the above mentioned services provided to the society

WHAT IS PES ?

 The PES is a financial instrument that fully recognize ecological services between providers and users. So, we can say its a private transaction between them, were the Government is in the middle setting policies, rules, procedures, institutional administration and the political will to internalize them.





Ecomarket Project goals/targets

- Payments for contracted projects (+200.000 Has)
- Increase volume of existing contracts in 100.000 Has
- Increase by 30% participation of women in ESP
- Increase by 100% participation of indigenous peoples
- Strengthen FONAFIFO and SINAC institutional capacities



















PRESIDENT'S EXECUTIVE ORDER 035-MINAE (Minister of Environment)

All Public Institutions who use public water rights for a public service, will financially recognize the ecological cost of water.

	Value of Water Concessions							
	Decreto 26635-MINAE - Enero 1998							
NI AL	SBIL C	Canon (colones por metro cúbico anual)						
ST and B		Sector	Superficial	Subterráneo				
		Doméstico	0.5177 \$ 0.0010354	0.7187 \$ 0.0014374				
		Poblacional	0.0088 \$ 0.0000176	0.0109 \$ 0.0000218				
	C. S. C.	Hidroeléctrico						
		(fuerza hidráulica)	0.0001 \$ 0.000002	NA \$				
		Industrial	0.0252 \$ 0.0000504	0.1928 \$ 0.0003856				
		Riego	0.0169 \$ 0.0000338	0.1304 \$ 0.0002608				
		Otros usos	0.0075 \$ 0.000015	0.3224 \$ 0.0006448				
		Promedio	0.0007 \$ 0.0000014	0.1128 \$ 0.0002256				
	Adjusted	value						
			(2) Canon (colones por metro cúbico anual)					
	050	Aqua Superficial	Aqua Subterránea					
	Consumo Humano	1.46 \$ 0.00292	1.63 \$ 0.00326					
	Industrial	2.64 \$ 0.00528	3.25 \$ 0.0065					
	Comercial	2.64 \$ 0.00528	3.25 \$ 0.0065					
	Agroindustrial	1.90 \$ 0.0038	2.47 \$ 0.00494					
$\mathbf{\Lambda}$	Turismo	2.64 \$ 0.00528	3.25 \$ 0.0065					
	Agropecuaria	1.29 \$ 0.00258	1.40 \$ 0.0028					
	Acuicultura	0.12 \$ 0.00024	0.16 \$ 0.00032	//				
	Fuerza Hidráulica	0.12 \$ 0.00024	-					
	PROMEDIO	1.60 \$ 0.0032	2.2014 \$ 0.					















Index by land uses	and its pote	ntial for	carbon
sequestration and c	onservation	of biod	iversity

#		Index	Index	
		Carbon	Biodiversi	lotal index
2	Degraded pasture	0	õ	0
3	Native pasture without trees	0,1	0,1	0,2
8	Live fences	0,3	0,3	0,6
11	Fodder bank	0,3	0,5	0,8
14	Native pasture high tree	0,5	0,5	1,0
20	http://www.asture.high.tree	0,6	0,7	1,3
23	Young secondary vegetation	0,6	0,8	1,4
24	Riparian forest	0,8	0,7	1,5
27	Secondary forest	0,9	1,0	1,9
28	Primary forest	1,0	1,0	2,0
	\approx > 30 tree ha ⁻¹			















Need for Scaling Up and Mainstreaming Environmental Services Payment Program in Costa Rica

The second generation of Environmental Services Payment



Key objectives - of the proposed project

- Fulfillment of the Millennium Development Goals (High level Political commitment)
- Increase the range of sources of funding for ESP activities aimed at local and global services (PARTNERSHIPS)
- Extend the scope of ESP activities to include degraded and fragile lands, water protection related forests and improve the efficiency of current activities
- Increase the contribution of ESP activities to poverty reduction
- Contribute to the international policy dialogue by promoting new financial mechanisms for sustainable development









MY RECIPE

1-PES IS A PRODUCT OF A NATIONAL POLICY .

The identification of economic instruments to promote the fulfillment of objectives of environmental, social or economic cut (sustainable development) must correspond to a policy of state that among other things must guarantee the sustainability of such in the long term. Consequently PES must be clearly tie to the global planning of the countries, where sectorial interests must conciliate.

2-SUPPORTED BY A LEGAL FRAMEWORK

Without a regulatory framework of rights, obligations and responsibilities PES won't deliver proper results (ex: every user must pay)

3- FINANCIAL INSTRUMENT MUST BE POLITICALY VIABLE

- PES is a product of the accumulation of experiences of policy and institutional capacity.
- The conciliation of interests from the early stages of the design of the model is a central element to guarantee the later political viability of the PES.

4- BUILD INSTITUTIONAL CAPACITY A MUST !

The PES require of good governance and strong institutional capacity for the processes of valuation, administration and payment. The nonexistence of these capacities is perhaps commonest of the problems.