

Table 4
Institutional Measures to Produce Enabling Incentives for the Sustainable Management of Biological Diversity and its Components

Area of Institutional Enhancement	Conservation of habitat, species, genes	Sustainable use of biodiversity and base resources	Fair and equitable sharing of the benefits
Formal Constraints (Laws, Policies, Property Rights)			
Laws			
Consideration of biodiversity in all relevant government decisions	X	X	X
Marine pollution liability	X		
Environmental performance bond requirements	X		
Full appraisal of forest benefits requirements	X	X	
Costing of biodiversity loss in energy investment appraisal	X	X	
Appraisal of biodiversity impacts in the transport sector	X	X	
Covenants/conservation easements	X		
Policies			
Tax deductions for charitable contributions of funds, property or conservation commitments	X		
Conservation agreements	X		
Land exchanges	X		
Covenants for conservation	X		
Property or estate tax exemptions for private reserves	X		
Tax allocation for conservation by state/municipal authorities	X		
User fees for protected areas		X	
Full pricing of natural resources such as timber, oil, minerals, and water		X	
Non-compliance fees		X	
Habitat mitigation schemes	X		
Reform of public forestry concession pricing, license fees, reforestation fees, and royalties	X	X	X
Road pricing		X	
Prospecting fees	X	X	X
Habitat protection subsidy	X		
Deforestation charge	X	X	
Ecotourism fees	X	X	
Scientific tourism fees	X	X	
Watershed charges		X	
Pricing of ecological functions		X	
Differential land use taxes	X	X	
Sewage and effluent charges	X	X	
Agricultural land set-aside schemes	X		

Area of Institutional Enhancement	Conservation of habitat, species, genes	Sustainable use of biodiversity and base resources	Fair and equitable sharing of the benefits
Public or grant-aided land purchase	X		
Cost-sharing/management agreements	X		
Species enhancement schemes	X		
Customary cultivation of biodiversity schemes	X	X	X
Payments for organic farming	X	X	X
Property Rights and Markets			
Individual transferable fishing quotas		X	
Tradable development rights	X	X	X
Species commercialisation		X	
Biodiversity prospecting deals		X	X
Forestry offsets	X		X
Air emission trading		X	
Effluent discharge trading		X	
Tradable water entitlements		X	
Eco-labelling	X	X	
Biodiversity patents			X
Intellectual property rights			X
Tradable reforestation credit	X		
Environment funds	X		
Long-term concessions for forestry		X	
Social Constraints (Measures to build social capital)			
Education & awareness programmes		X	
Prizes and awards for conservation and sustainable use	X	X	
Training and capacity-building programs	X	X	X
Empowerment of local communities, indigenous people, and local industries to protect biodiversity	X	X	X
Decentralized/inclusive decision-making processes	X	X	X
Positive reinforcement for creativity and innovation	X	X	
Open discussion of biodiversity issues and avenue for recourse against decisions that are seen as unfair	X	X	X
Partnerships with and participation of multiple individuals and organisations e.g. NGOs, landowners, communities, businesses, universities, scientific bodies, etc.	X	X	X
Acknowledge traditional management regimes for the conservation and sustainable use of biodiversity	X	X	X
Encourage understanding of formal constraints	X	X	
Compliance (Enforcement Measures)			

Area of Institutional Enhancement	Conservation of habitat, species, genes	Sustainable use of biodiversity and base resources	Fair and equitable sharing of the benefits
Transparent monitoring, enforcement and accountability mechanisms	X	X	X
Impartial judiciary	X	X	X
Clear objectives and procedures for enforcement agencies	X	X	
Agricultural conservation compliance measures	X	X	