

Ecosystem Degradation Transition Gaps Analysis

Status quo	Desired transition	Data needs	Technology Solution Potential	Private Governance Potential	Equity concerns	Law and Policy Innovations	4°C potential disruption
Species focus	Ecosystem focus	High	Low	High	Medium	Revise ESA; new statute; focused subsidies	High
Project focus	Cumulative impacts focus	High	High	Medium	High	Revise NEPA; more rigorous permitting	High
Sharp public/private land dichotomy	Landscape planning	High	High	High	High	Mandated landscape planning; subsidies; shift jurisdictional authority (more regional)	High
Current subsidy regime	Green subsidies	Low	Low	Low	High	Revise tax code; revise Farm Bill;	Low
Clear winners and losers from transitions	Soften blow to losers	Medium	Low	Low	High	Public compensation; insurance; training	Low
Political boundaries	Ecological boundaries	Medium	Low	Low	Medium	Watershed-based authorities; biome-based authorities	Low

High compliance transaction costs	Reduce transaction costs	High	Low	High	Medium	Streamlined permitting; performance tracks; better templates; strict time deadlines	Low
Short-term focus	Long-term focus	Low	Low	High	Medium	Revise corporate law; mandate long-term planning	Medium
Current consultation regime	Meaningful local input	Medium	Low	High	High	Design more inclusive consultation; reward/mandate corporate stakeholder processes	Low
Lack of ecosystem services focus	Integrate ecosystem services into decision making	High	High	High	High	Government-wide mandate (e.g., 2015 OMB memo); subsidies;	High