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| * Residues with limited use * Limited accompaniment/there is no follow-up * Short-term vision * Heterogeneous schemes * Voluntary schemes and expensive certifications | * Investigate applications * Socialization of sectors * Learning support * Educate for change | * Standardization of products and processes * Pilots | * Biomass: cocoa pod husk, pulp, mucilage (cascarilla) * Centralized collection (cooperative and association) * Indefinite, long term contracts | **Production and collection of biomass** |
| * Major residue/minor use of it * Individual projects * Public-private association (depending on geography) | * Make contracts more flexible * Scaling of processes and technologies * Investigation on applicability * Incentives * Characterization and definition of standard for biomass | * Different pilots | * Multi-product systems * Social projects * Circular economy 🡪 management of water * Public-private (funds and resources) * Standard for biomass | **Biorefinery** |
| * Willingness and diversity of incentives/lack of planning of oversight |  |  |  | **Trade and policies** |
| * Negative environmental impact * Change towards sustainability * Point of change 🡪 applied research * Start of cultural changes and education * Different markets and scales of production | * Generate spaces for socialization | * Consolidate initiatives | * Impact: * Economic * Social * Environmental * Scientific * Infrastructure * Technological * Industrial | **Impact** |
| * Individual and mixed responsibility: no standard | * Definition of norms and standards * Commitment of associations (consolidated) | * Implement and verify roles * Laws that limit production of biodiesel | * Consolidation of associations | **Roles y responsibilities** |