## **Supplementary material - Data collection checklist**

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| **I. Motivation Phase** |
| ***Was there a clear trigger for initiating large scale forest restoration? [at international, national, local scale]?*** |
| **Category** | **Dimensions/Levels** | **Research Questions**  |
| **Environmental** | InternationalNationalLocal | *Checklist:**Natural catastrophe?* |
| *Loss of ecosystem services?* |
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| **Socio-political** | InternationalNationalSub-nationalIndividual  | *Checklist:**Global agreement?* |
| *Political decision?**Economic factors?* |
| *Social movement?* |
| *Competitiveness?* |
| *Leadership? Champion?**Improved understanding/knowledge?* |
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| **II. Implementation Phase** |
| ***What are the key enabling factors that supported implementation?*** |
| **Category** | **Dimensions/Levels** | **Research Questions**  |
| **Policies, policy and legislative frameworks** | InternationalNational   | ***- What policies and legislation support (or not) large scale forest restoration?*** |
| *Checklist:**Supportive/harmful policies**In different sectors?* |
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| *Enforcement?* |
| *Incentives/disincentives? (forest restoration/clearing)* |
| **Economic aspects****(funding)** | InternationalNationalSub-nationalLocal | ***Who is funding large scale restoration?***  |
| *Checklist:**Through what mechanisms?**Do we have figures?* *Why are such funds being disbursed?* |
| **Economic aspects****(Benefits/costs)** |  Global goodSocietyLocal communities   | ***- Have there been clear beneficiaries from the restoration?******- Have there been losers?******- Has there been compensation for losers?*** |
| *Checklist:**Who wins/who loses?* |
| *Compensation?* |
| *Distribution?* |
| *Power issues related to funding?* |
| *Sustainability?* |
| **Stakeholder engagement** | Temporal Spatial (international, national, landscape/ Sub.-national, local)            | ***- Who are key stakeholders in large scale forest restoration and why?******- have stakeholders all been engaged in the restoration process (how and at which stage)?*** |
| *Checklist:**Who is in? Who is out?* |
| *Participation mechanisms?* |
| *Consultation process?* |
| *Ethnic minorities?* |
| *Roles/responsibilities? (private sector, IPLCs, government., NGOs…)* |
| *Relationships?* |
| *Partnerships? (new/existing)* |
| *Power relations?* |
| *Constraints? (on dif. Groups)* |
| *Motivations?* |
| *Empowerment?* |
| *Coordination?* |
| *Different knowledge systems?* |
| *Negotiation processes?* |
| *Conflict resolution mechanisms?* |
| *Informal/formal platforms?* |
| *Political commitment?* |
| **Institutions****(formal & informal)** |  | ***Which institutions influence large scale forest restoration in your country? how?*** |
|  | InternationalNationalLandscape/ Sub.-nationalLocal | *Checklist:**Leadership on forest restoration? Commitment?**Partnerships?**Devolution?**Multi-stakeholder participation*  |
| Formal/informal |
| **Institutions** **(Tenure & property rights)** | NationalLand Forest Tree Goods and services | ***What sorts of issues around tenure (of land, forest, trees, goods and services from trees) influenced choices on restoration?*** |
|  |  | *Checklist:**Formal/informal/traditional/ancestral? (including IPLCs)**Conflicts?**Types of rights? (use, management …)**How are they respected? (effective and adequate grievance mechanisms)* *Historical claims?* |
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| **III. Sustaining** |
| ***What are key factors to sustain the restoration effort?*** |
| **Category** | **Dimensions/Levels** | **Research Questions**  |
| **Economics****(Funding)** | TemporalSpatial (external/internal)Equity (across groups)     | ***What are the long term funding engagements for forest restoration?*** |
| *Checklist:**Is there long term funding?**Source & Origin: public (national, international), private – climate finance, ODA, Biodiversity finance, agriculture … etc. Originated and allocated to which ministry / sector?**Economic incentives, e.g. Tax incentives, subsidies, etc.* *Long term funding?**Platforms to sustain forest restoration?* |
| *Integrated funding in government?* |
| *Donor demands?* |
| *Innovative funding mechanisms?* |
| *Benefits?* |
| *Distribution?* |
| *Private sector role?* |
| **National policy framework** | National | ***Is forest restoration integrated/mainstreamed in national priorities?*** |
|  |  | *Checklist:**Are there long term plans/policies incorporating forest restoration?* *How do different sectors relate to each other when it comes to restoration?**Cross-sectoral collaboration, including with other forest-related frameworks and platforms, such as REDD+, FLEGT, climate, agriculture etc**Cross-sectoral conflict?**Multisectoral platforms?* |

**Adapted from:** Hanson et al., 2015; Mansourian, 2016; Mansourian, 2017; Springer et al. (2020)