## **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** | | International  National  Local | *Checklist:*  *Natural catastrophe?* |
| *Loss of ecosystem services?* |
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| **Socio-political** | | International  National  Sub-national  Individual | *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** | | International  National | ***- 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)** | | International  National  Sub-national  Local | ***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 good  Society  Local 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?*** |
|  | | International  National  Landscape/ Sub.-national  Local | *Checklist:*  *Leadership on forest restoration? Commitment?*  *Partnerships?*  *Devolution?*  *Multi-stakeholder participation* |
| Formal/informal |
| **Institutions**  **(Tenure & property rights)** | | National  Land  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)** | | Temporal  Spatial (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)