

TABLE 4

**Options for linking LDN tracking to a country's existing land administration systems****Level 1. LDN tracking outside of land administration systems**

In countries where existing land administration systems do not currently integrate land use planning and the management of land resources, LDN land use decision tracking can be conducted when LDN interventions are planned (gains) and anticipated degradation is estimated (losses), ideally in conjunction with UNCCD NAP processes, national development processes, and, where applicable, other directly related activities. Leveraging these efforts will ensure more comprehensive tracking and minimise duplication of efforts. The information recorded to help track LDN would be similar to that provided in the balance sheet example (Table 2) and in the example for a specific land type illustrated in Figure 6.

**Level 2. Level 1 tracking coupled with systematic preliminary assessments**

A fundamental input to integrated land use and management planning efforts is the systematic assessment of land and land use options (e.g., land potential, condition, resilience, socio-economic status, trade-offs). Coupling these preliminary assessment data with LDN intervention planning would provide a more streamlined first order analysis of degradation risk associated with specific land use options, which could help both guide those decisions and increase the accuracy of impact estimates. The additional information tracked would include data associated with land potential, condition, resilience, socio-economic factors and trade-offs coming from the preliminary assessments.

**Level 3. Levels 1 & 2 tracking embedded into a country's land administration system**

Land administration systems vary from country to country, but it should be relatively easy and inexpensive to augment these systems to keep track of gains and losses with respect to LDN. Adding LDN information (Level 1 – anticipated losses and proposed gains) and land assessment results (Level 2) into the country's land administration systems would enable ongoing tracking of land use decisions, so that the balance of gains and losses estimated for those decisions, by land type, could be calculated at any time, scenarios could be generated to help decision makers consider options when making future land use decisions, and transparent information on land tenure decisions related to LDN would be openly available.

**Option of a link to LDN monitoring for more effective implementation.**

Integration of LDN land use decision tracking with LDN monitoring (chapter 7, Module E) can occur at any of the three levels of tracking, since all three levels track the location and area of intended interventions on the land. Linking the LDN monitoring system would allow site/project specific analysis of the actual impacts resulting from those decisions.