Sustainable Land Use

LESTARI Sustainability Screening Toolkit (SST)

One of the greatest threats to sustainable land use development in Indonesia is the lack of a coordinated system for managing land use across government agencies. As a result, agencies often work with different maps, inhibiting their ability to support sustainable development, fight fires, and protect communities and the environment, ultimately leading to costly legal conflicts and further environmental degradation.

In response, the Indonesian government launched the One Map Policy that seeks to compile, integrate and synchronize the use of spatial data across Indonesia. The **Sustainability Screening Toolkit (SST)**, developed by Winrock under the USAID LESTARI project (implemented by Tetra Tech), supports the One Map Policy by providing an integrated platform for compiling, analyzing, reporting and publishing data on land use.

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The SST has three core functions:

1. **Platform for submitting licensing and permitting data to central authorities**. Regional sectoral agencies (e.g. forestry, plantation, agriculture, mining) upload and submit data to the government planning agencies and use tools to assess potential legal conflicts or environmental concerns. Reports of analyses and data submission can also be generated to bolster transparency.

2. **Spatial Data Management Dashboard.** A map-based dashboard offers Bappeda and other central authorities the ability to review submitted licenses and permits easily.

3. **Public platform for licensing and permitting data.** Reviewed and approved data on permitting and licenses are made available to the public, promoting transparency and accountability. Interactive maps with environmental data are also offered, allowing the public to explore relationships between land use and forest cover, high carbon stocks, high conservation value, peatland, and fire frequency.

Winrock and partners are currently piloting the SST in two of the LESTARI landscapes, working with the provincial and district governments of Aceh and Papua to integrate it into their licensing and permitting processes.