

Standard Operating Procedure (SOP) for Establishment and Operation of Green Landscape Information Platform (GLIP)

I. What is GLIP

GLIP is a planning, communication, knowledge-sharing and monitoring tool on a single platform at the Gram Panchayat (GP) level. It will serve as an information center at the GP level for a range of stakeholders on Green Landscape Management.

The GLIP will serve the following purposes:

- Create and maintain a reliable and easily accessible Green Landscape database on protected area and biodiversity information, hydrological and meteorological data, and local knowledge including soil and livestock.
- Make available to farmers literature on agroecology friendly agriculture practices.
- Provide farmers with easy access to extension services and other support agencies, and provide weather forecasts, market price data and technical information.
- Make available contingency plans developed under NICRA to support farmers in making informed decisions to adapt/ mitigate impacts of climate variability during the crop season.
- Promote informal sharing of the landscape information for enhanced outreach and make it socially inclusive.
- It will also be a potential hub for communities to meet and discuss matters of common interest.

II. What is to be done for it

GLIP will have the following components:

- . Establishment of the physical unit in the form of a digital kiosk at the GP level (responsibility GLIU)
- Enabling each unit with the required software and information (responsibility GLIU with technical inputs from NPMU),
- Linking each unit with the Spatial Decision Support System (SDSS), (responsibility NPMU) and
- Updating information on Project related activities being undertaken in the landscape (responsibility GLIU).

Engagement of Community Organizer to maintain the regular upkeep of the GLIP system and support the community in accessing the required information from the database.

Ila. Establishment of Physical Unit:

The GLIP is to be set up as follows:

- Kiosk Style system set up with one working Table and 3 Chairs for the Community Organizer and visiting farmers/stakeholders

- Setting up of Computer with audio-visual system
- Ensured Internet connectivity and electricity supply.

Iib. Software and information:

The GLIU team should consult the NPMU for the technical information for software required for smooth functioning of the system.

Iic. Linking with the Spatial Decision Support System (SDSS)

NPMU will support in connecting each unit with the SDSS

The SDSS will provide access to the following:

- Green landscape database on protected area, forest area, historical meteorological data, and data related to lithology, soil characteristics, water profile of the landscape, demographic data,
- Available literature on agroecology friendly agricultural practices, including package of practices developed for Farmer Field Schools for certain crops.
- Linkage to respective KVK of the district for extension services
- Other support agencies to provide weather forecasts.
- The contingency plan of the district developed under NICRA for supporting the farmers to make informed decisions to adapt/ mitigate impacts of climate variability during the crop season.
- Can support crop planning in the landscape for the farmers for certain crops.
- Provides information on suitable soil water conservation measures that can be undertaken in arable and non arable land in the landscape

Updates in the SDSS platform will be informed to the GLIU regularly.

Iid. Updating information on activities being undertaken in the landscape (responsibility GLIU under the guidance of NPMU):

The NPMU will provide the GLIU and CRPs with a mobile-based application. The application will be used for updating information on activities being undertaken in the landscape. The activities will be geotagged by the CRP along with a brief description of the activity, beneficiary farmer and name of the supporting government scheme/ Green-Ag project. The GLIU will have to approve and validate the information. After approval, it will be visible on the portal.

The GLIP through this information, will provide information regarding the activities undertaken in the project landscape to the line departments, people's representatives, VIC members, officials on visits, community, project managers, and farmers and other stakeholders including people at large for transparency and monitoring by any one. The geotagged activities on the SDSS will show the coverage of the project in the landscape, enhance the outreach of the project and encourage the non-participating farmers to adopt the sustainable practices implemented through the project activities.

III. Where to setup this platform

The GLIP to be established at Gram Panchayat Level for which existing government infrastructure such as Panchayat Bhawan will be used.

IV. Funds for the establishment

The approved fund for the activity **2.2.3.2 Establishment of Green Landscape Information Platforms under Annual Work Plan & Budget (AWPB) 2023-24** will be used for the purpose.

V. Day-to-day operation of GLIP

The Community Organizer (CO) is to be deployed for the day-to-day operation of GLIP during office hours as applicable to Gram Panchayat Bhawan. The CO will be full-time paid human resources for the management and operations of the GLIP. The local youth clubs may be involved in supporting the operations of GLIP.

VI. Administrative Support for the Establishment and Operation of GLIP at Gram Panchayat Bhawan.

- The GLIU team may take necessary approvals from The Collector cum Chairman, TSG, Green-Ag Project for an office order instructing the Gram Panchayats of project area to allocate appropriate space in the building.
- An Advisory Committee may be constituted at each GP involving representatives from VICs concerned, line departments for guiding and extending support for the smooth and effective operation of the GLIP.
- The concerned GP may be the custodian of the resources deployed in GLIP and must be cited in the office order to be issued from the office of the TSG Chair. A receipt in regard to supply of goods and establishment of GLIP may be taken from the sarpanch or Panchayat Secretary for records.
- The community organizer (CO) will be hired by GLIU in consultation with the VIC. CO may report to the appropriate authority at Panchayat level along with reporting to a line manager of GLIU which may be decided in a resolution/ written document in a meeting with VIC representatives under the chair of concerned sarpanch of Gram Panchayat. The Absentee statement of CO shall be approved by the reporting authority and sent to GLIU for necessary payment of Monthly Remuneration.
- The CO will play a crucial role along with the CRP in promoting the informal sharing of the landscape information for enhanced outreach and make it socially inclusive, especially the socio-economically weak and disadvantaged groups within the farming community. He will keep a record of such persons with their signature/thumb impression of such persons.
- The CO will maintain an entry register for community usage and type of queries and response from the community and other stakeholders. As a part of monitoring the GLIP and CO functioning, the CRP and GLIU will keep a track of the following:
 - Number of community members accessing the GLIP
 - Type of information accessed mostly.

- GLIU will organize awareness sessions on the GLIP and its benefits for the community during the meetings for project activities once the GLIP is established.
- The CRPs of the concerned GP shall visit to GLIP at frequent intervals to support and act as link with GLIU and GLIP.
- The performance of GLIP may be reviewed on monthly basis by the District Project Nodal Officer, Green-Ag project for necessary corrective measures.
- CRP should apprise GLIU Team Leader for any damage or loss of GLIP in terms of physical or software. GLIU should inform about such incidences to the Project Director, Watersheds cum DPNO, Green-Ag project Mayurbhanj for appropriate actions.
- GLIU should update the software of the computer system established under the GLIP.
- GLIU to remain in touch with NPMU for regular updates in the SDSS server.
- Adequate publicity regarding establishment of the facility be made in the GP amongst different stakeholders.