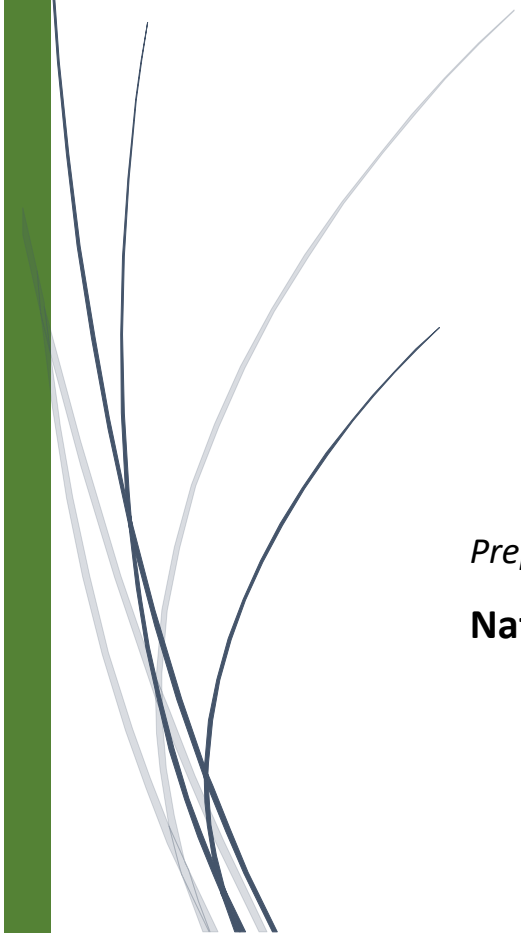




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# National Afforestation Dashboard



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## Document Control

**Document Title:** Proposed Document- **National Afforestation Dashboard**

**Document Status:** Draft

**Abstract:** This document details Functional Process Flow of **National Afforestation Dashboard** Module requirement

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2022	Zero Draft	1.0	NIC
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### Reviewers

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Version	Name	Location



## Abbreviations

Abbreviations	Details
APO	Annual Plan of Operation
HA / Hact / Hac	Hectares



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## 1 Objective of the Portal

1. Enter the details after the plantation work has been completed
2. Block and Village data we had added and made it mandatory, but review of the same data suggests that block and village are not mandatory. Kindly guide us to move forward.

## 2 Scheme Master

All the schemes need to be maintained in our system, which shall be used to map the plantation / SMC activities for the projects that are executed. The scheme master shall allow to maintain the repository of all the schemes and can be added to further strengthen the scheme repository.

### 2.1 Scheme Master Data Model

1. Scheme Type
2. Scheme Name
3. Plantation Modal
4. Duration of Monitoring

## 3 Nursery Management

This module shall help the ministry to maintain the details of all the nurseries on India. This data base is planned to build the nursery repository with species details available at each nursery. This would enable the states / division officers to look out for nearest nursery available within its extent and species availability. Based on the species availability and seedlings available under each category shall help the state / division officer to plan for plantation activity from time to time.

This module would help us track the nurseries, which need to be added with various species and seedlings from time to time to help the plantation activity at division / state.

### 3.1 Nursery Master

1. **State**
2. **Circle**
3. **Division**
4. **Range**
5. District
6. Block
7. Village
8. Name of Nursery
9. **Incharge of Nursery**
10. Latitude and Longitude of Nursery (Validation with State and District)
11. Capacity of Nursery/Area of Nursery
12. Tissue Culture
  - a. Permanent
  - b. Temporary

### 3.2 Species Master

1. Nursery Name
2. Species Name
3. Local Species Name
4. Seedling Available (Optional- not to be reflected on Dashboard)
5. Tissue Culture Lab (Y / N)

### 3.3 Nursery Dashboard

It is proposed to have a dashboard to showcase the available Nursery dashboard in the country. The nursery dashboard shall provide us with drill down navigation from State and District.

The various functionalities proposed for the nursery dashboard are as follows:

1. Search Nursery
2. Nursery Details
3. Nursery for Selected State / District etc.

**National Afforestation Dashboard**  
Ministry of Environment, Forest and Climate Change  
Government of India

Financial Year: 2022 - 2023 | State: MADHYA PRADESH | District: All

Name of Nursery:

State	Madhya Pradesh
District	Harda
Block	Harda
Village	Devtalab
Owner Name	Hari Vardhan
Capacity of Nursery	500
Tissue Culture	Y
Irrigation Type	Water Pump
Species Details	

### 4 Plantation Scenarios

We understand that we can have two major plantation related scenarios.

The second scenario describes the landscape being a larger entity which hosts multiple plantation sites within itself. Under this scenario also we have APO for multiple plantation site in a single APO.

#### a) Scenario 2:

Landscape/Site = Plantation Site 1, Plantation Site 2, Plantation Site 3,..., Plantation Site n – APO

#### 4.1 APO Registration

This module / section captures the basic details required from the APO that has been already prepared and accepted.

1. State
2. **Circle**
3. **Division**
4. **Range**
5. District
6. Block
7. Village
8. Financial Year
9. Site Name
10. Scheme Type
11. Scheme Name
12. Work Financial Year
13. Physical Target
14. Financial Target
15. APO ID

#### 4.2 Plantation Monitoring Details Entry

This module / section captures the related APO, monitoring of the plantation that is planned under the selected scheme based on the scheme duration which is fetched from the Scheme master captured / recorded earlier.

This shall provide the yearly monitoring statistics under the selected scheme of the APO.

1. Year (Get the Duration from Scheme Master)
2. Plantation Model
3. Plantation Name
4. Plantation KML
5. Comp /Plot Number
6. Physical Achievement
7. Financial Achievement
8. Survival Percentage
9. SMC Work Name
10. **SMC Volume (Cubic Metres)**
11. Comments / Remarks
12. Geotag Photographs



#### 4.3 Add Plant / Species Planted Details

The species and seedlings planted are now related with the nursery, which provides the total availability at the nursery selected for plantation activity.

1. Name of Nursery
2. Name of Species
3. Total Available Species
4. **Total Species Planted (Count)-Please clarify the purpose of this field**