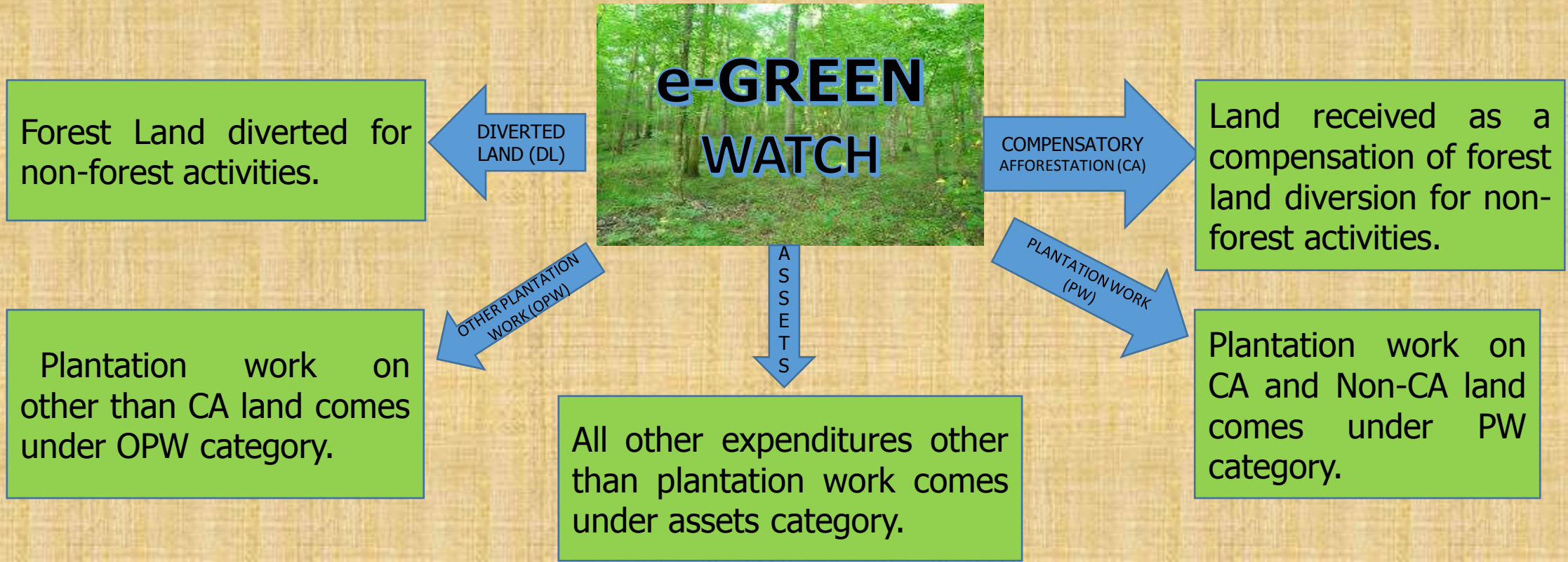


e-Green Watch

([http://:egreenwatch.nic.in](http://egreenwatch.nic.in))





INTRODUCTION

- A web-based, user friendly monitoring system launched in July 2012 with 5 pilot states (26 States & 2 Union Territories currently).
- Role based integrated monitoring as well as information system.
- Capable of monitoring 5 categories of Compensatory Afforestation Fund Management and Planning Authority related activities

-Compensatory Afforestation Land

-Assets categories

-Diverted Land

-Plantations

-Other Plantations



- Google Earth imageries for monitoring
- Facilitates 2 way communication
- Updated works are monitored concurrently and also revisited to observe changes over time
- Transparency and accountability

State	Total Polygons Uploaded till January, 2021	Total Polygons checked till December, 2020	Polygons checked in January, 2021	Total Polygons checked till January, 2021	Correct till January, 2021	Incorrect till January, 2021	Unascertainable January, 2021
Andhra Pradesh	5614	5614	0	5614	2704	2058	852
Arunachal Pradesh	1453	1453	0	1453	270	591	592
Assam	182	182	0	182	85	96	1
Bihar	182	180	2	182	54	122	6
Chandigarh	11	10	1	11	9	2	0
Chhattisgarh	4618	4503	115	4618	1260	2359	999
Delhi	24	9	15	24	16	8	0
Gujarat	1561	1258	303	1561	281	1096	184
Haryana	3353	3265	88	3353	333	2792	228
Himachal Pradesh	1887	1887	0	1887	343	1503	41
Jammu & Kashmir	3054	3054	0	3054	13	2842	199
Jharkhand	6280	6055	225	6280	1189	3346	1745
Karnataka	11994	11994	0	11994	4291	4108	3595
Kerala	1	1	0	1	0	0	1
Madhya Pradesh	5671	5671	0	5671	1319	3115	1237
Maharashtra	6812	6812	0	6812	1815	4122	875
Manipur	516	516	0	516	141	191	184
Mizoram	89	89	0	89	48	40	1
Odisha	50687	50593	94	50687	8137	10941	31609
Punjab	4963	4963	0	4963	2283	2613	67
Rajasthan	9879	9515	364	9879	1415	7185	1279
Sikkim	489	457	32	489	50	379	60
Tamil Nadu	294	294	0	294	75	181	38
Telangana	3962	3962	0	3962	1984	1478	500
Tripura	706	706	0	706	448	223	35
Uttar Pradesh	7683	7229	454	7683	1588	4724	1371
Uttarakhand	10398	10300	98	10398	3743	2920	3735
West Bengal	136	136	0	136	68	62	6
Total	142499	140708	1791	142499	33962	59097	49440

List of States and UTs on e-Green Watch Portal

S .No.	State	S .No.	State
1	Andhra Pradesh	15	Madhya Pradesh
2	Arunachal Pradesh	16	Maharashtra
3	Assam	17	Manipur
4	Bihar	18	Mizoram
5	Chandigarh(UT)	19	Odisha
6	Chhattisgarh	20	Punjab
7	Delhi(UT)	21	Rajasthan
8	Gujarat	22	Sikkim
9	Haryana	23	Tamil Nadu
10	Himachal Pradesh	24	Telangana
11	Jammu Kashmir	24	Tripura
12	Jharkhand	26	Uttar Pradesh
13	Karnataka	27	Uttarakhand
14	Kerala	28	West Bengal



STATUS REPORT OF E-GREEN WATCH TILL

January, 2021

Till January 2021, 28 States have uploaded **1,42,499** point, line and polygon features on e-Green Watch Portal UNDER 5 CATEGORIES NAMELY Compensatory Afforestation land, Diverted Land, Plantation Works, Other Plantation Works and Assets. Out of these, **1,42,499** polygons have been analysed till January, 2021.

FRESH POLYGONS				
Total Polygons	Correct	Incorrect	Unascertainable	Total
	33,962	59,097	49,440	1,42,499

REVISITED POLYGONS				
Total Polygon	Correct	Incorrect	Unascertainable	Total
	7,603	53,647	39,590	100,840

e-Green Watch

Andhra Pradesh

Project Start year : 2010-11

Area: 5 ha.

Category: Plantation Work

Date of pass-
10-05-2011



Image © 2019 Maxar Technologies

Date of pass-
27-03-2014



Image © 2019 Maxar Technologies

Date of pass-
23-03-2017



Image © 2019 CNES / Airbus

Date of pass-
20-12-2018



Image © 2019 Maxar Technologies

e-Green Watch

Jharkhand

Category: Plantation Work

Project Start year : 2013-14

Area : 15 ha.



e-Green Watch

Uttar Pradesh

GPS ID:18705

Category: Plantation Work

Project Start year : 2012-13

Area: 10 ha.



Andhra Pradesh

Project Start year : 2011-12

Category: Other Plantation Work

GPS_ID : 1536

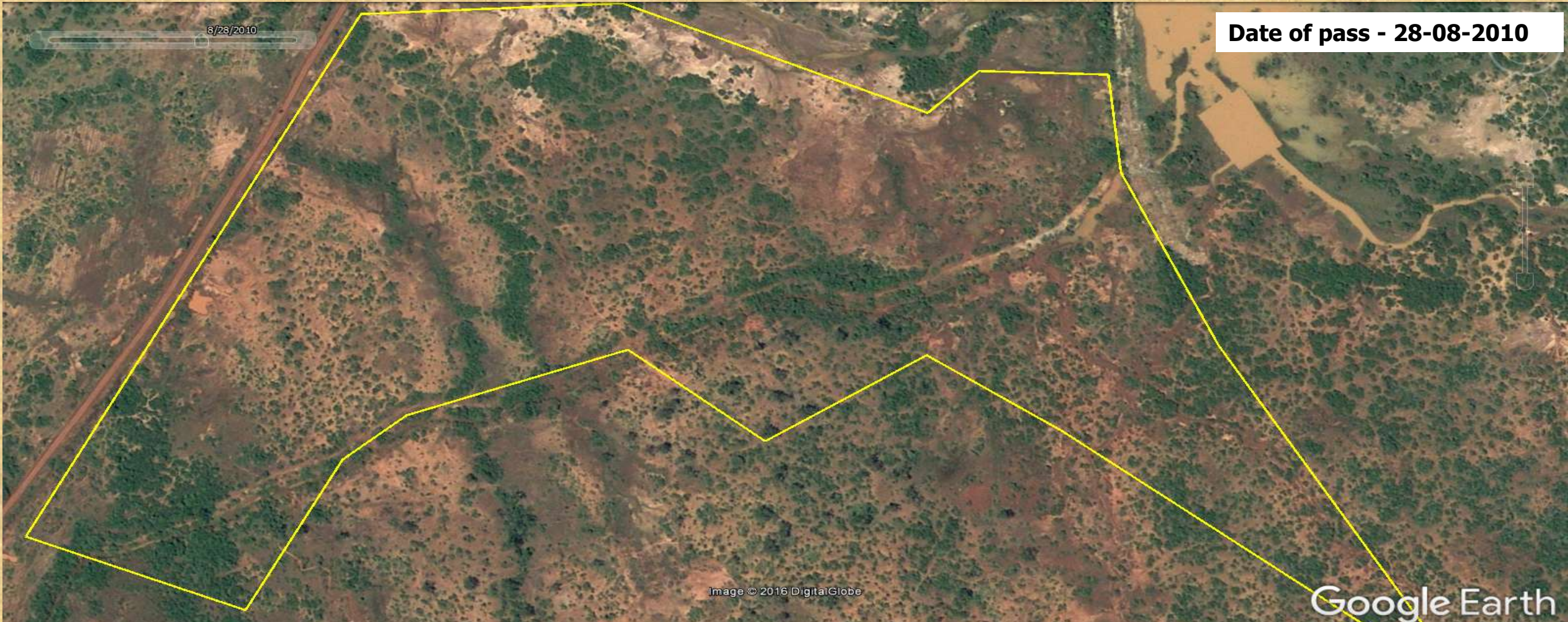
Area: 15 (ha)

Eucalyptus (Clones)-24990

Circle: WLM - Tirupathi
Division: WL Chittoor East
Range: Srikalahasthi

Date of pass - 28-08-2010

8/28/2010



Andhra Pradesh

Project Start year : 2011-12

Category: Other Plantation Work

GPS_ID : 1536

Area: 15 (ha)

Eucalyptus (Clones)-24990

Circle: WLM - Tirupathi
Division: WL Chittoor East
Range: Srikalahasthi

Date of pass - 24-09-2011



Andhra Pradesh

Project Start year : 2011-12

Category: Other Plantation Work

GPS_ID : 1536

Area: 15 (ha)

Eucalyptus (Clones)-24990

Circle: WLM - Tirupathi
Division: WL Chittoor East
Range: Srikalahasthi

Date of pass - 08-05-2013



Image © 2016 DigitalGlobe

Google Earth

Imagery Date: 5/8/2013 13°52'16.43" N 79°42'15.24" E elev 189 ft eye alt 2218 ft

Tour Guide 2001

TELANGANA OPW

Year wise progress

GPS ID : 1189

Project year: 2011

Circle : Warangal

DIVISION : Mahadevpur

RANGE: Mahadevpur

Date of pass- 23/12/2013



Date of pass- 23/01/2016



Date of pass- 01/03/2017



Date of pass- 29/12/2018



TELANGANA OPW

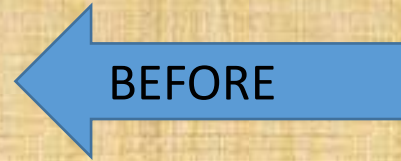
Polygon ID	State	Division	Range	GIS Area (in ha)	Recorded	Analysis Report	Image Details				Age of Plantation till Date	
					Area		Date of Pass	Date of Pass	Date of Pass	Date of Pass		
					(in ha)							
1189	Telangana	Mahadevpur	Mahadevpur	10	10	Analysis Report	23/12/2013	23/01/2016	1/3/2017	19/12/2018	5 years	
												1. Plantation Visible
							2. Density of Plantation	High	High	High		high
							Low/Medium/High					
							3. Growth of Plantation	High	High	High		high
							Low/Medium/High					
							4. Canopy Cover		>90%
							> 20%					
							>40%					
							>70%					
>90%												

Madhya Pradesh

Construction of Bridge
Project Start year : 2001-02
Category: Diverted land

GPS_ID : 4320
Area : 0.480 (ha)

Circle: Balaghat (T)
Division: Balaghat North(T)
Range : North Lamta



TAMIL NADU

Construction of New Bus stand
Project Start year : 2009-10
Category: Diverted land

GPS_ID : 9118
Area : 2.980 (ha)

Circle: Madurai
Division: Theni
Range : Theni



Date of pass-19-1-2008

TAMIL NADU

Construction of New Bus stand
Project Start year : 2009-10
Category: Diverted land

GPS_ID : 9118
Area : 2.980 (ha)

Circle: Madurai
Division: Theni
Range : Theni



Date of pass- 9-2-2011

TAMIL NADU

Construction of New Bus stand
Project Start year : 2009-10
Category: Diverted land

GPS_ID : 9118
Area : 2.980 (ha)

Circle: Madurai
Division: Theni
Range : Theni

Date of pass- 21-3-2012



TAMIL NADU

Construction of New Bus stand
Project Start year : 2009-10
Category: Diverted land

GPS_ID : 9118
Area : 2.980 (ha)

Circle: Madurai
Division: Theni
Range : Theni

Date of pass- 25-7-2017



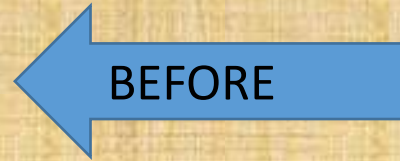
Odisha

Creation of water body
Project Start year : 2013-14
Category: Assets

GPS_ID : 25416

Circle: Angul
Division:Angul
Range :Talcher

Date of pass-28-09-2014



Date of pass-29-01-2016



Karnataka

Forest Guard Quarter
Project Start year : 2009-10
Category: Assets

GPS_ID : 871

Circle: Chikkamanglur
Division: Koppa
Range :Chikkaagrahara



Issues

- Issues related to password and uploading of polygons(Action: NIC)
- e-Green Watch portal slow down problem (Action: NIC)
- Feedback from the States not received (Action: SFD)
- Photographs not being uploaded for plantation works (Action: SFD)
- Other errors
 - Work details (Year, species, number of plants etc) not mentioned
 - Plantation sites different from given by the state difference in the mentioned area and calculated area., more than 15% in plains area and 25% in hilly area
 - Digitization error
 - Polygon falling over habitation, agriculture land
 - State upload same polygon again and again(Repeat)
 - States delete polygons without any information to FSI

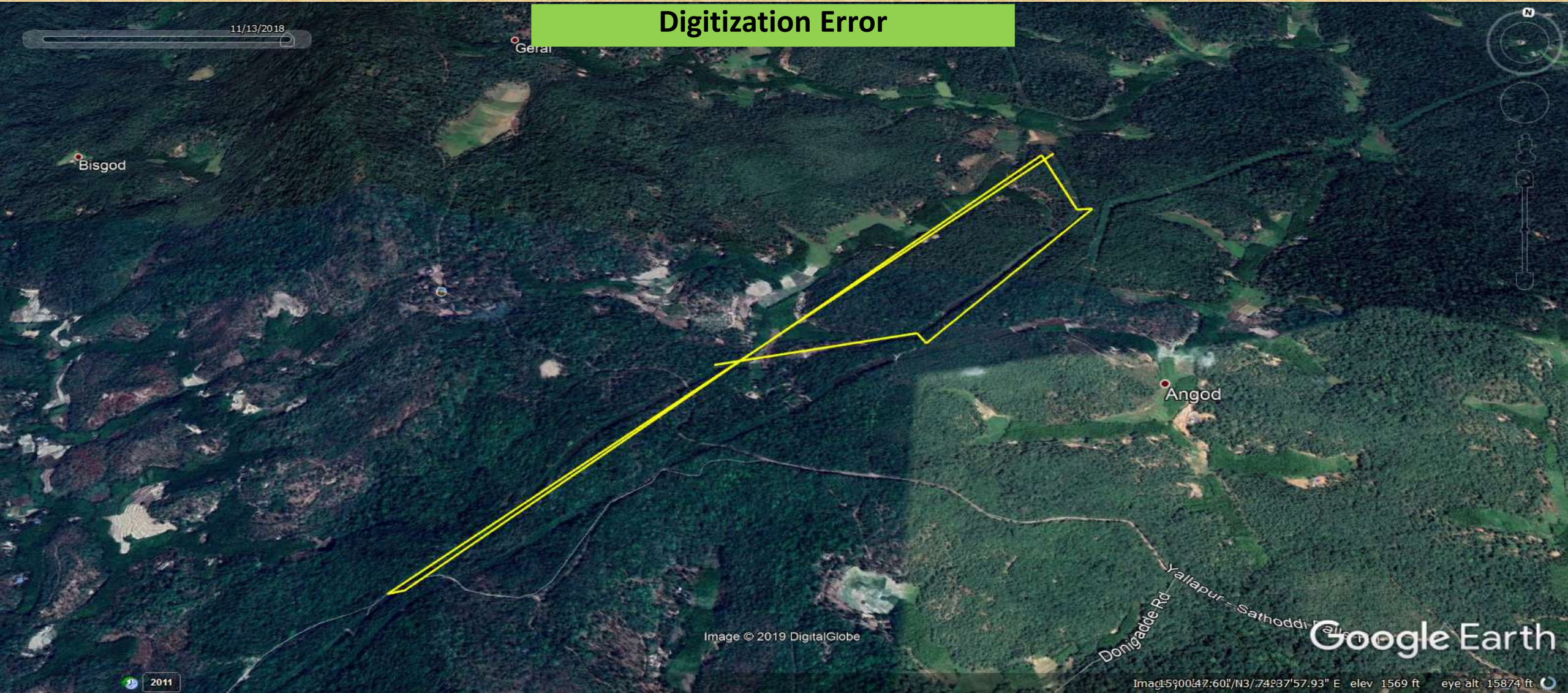
Karnataka

Raising of Dwarf Mansoon plantation
Project Start year : 2010-11
Category: Plantation Work

GPS_ID : 3232
Range :Yellapura

Circle: Kanara
Division:Yellapura

Digitization Error



Madhya Pradesh

COMPENSATORY AFFORESTATION (CA Land)

GPS ID : 9618

ATTRIBUTE : Enercon india ltd (wind power) (2011)

STATUS : INCORRECT

CIRCLE : Ujjain(T)

DVISION : Shajapur(T)

RANGE : Agar

Polygon falling over water body



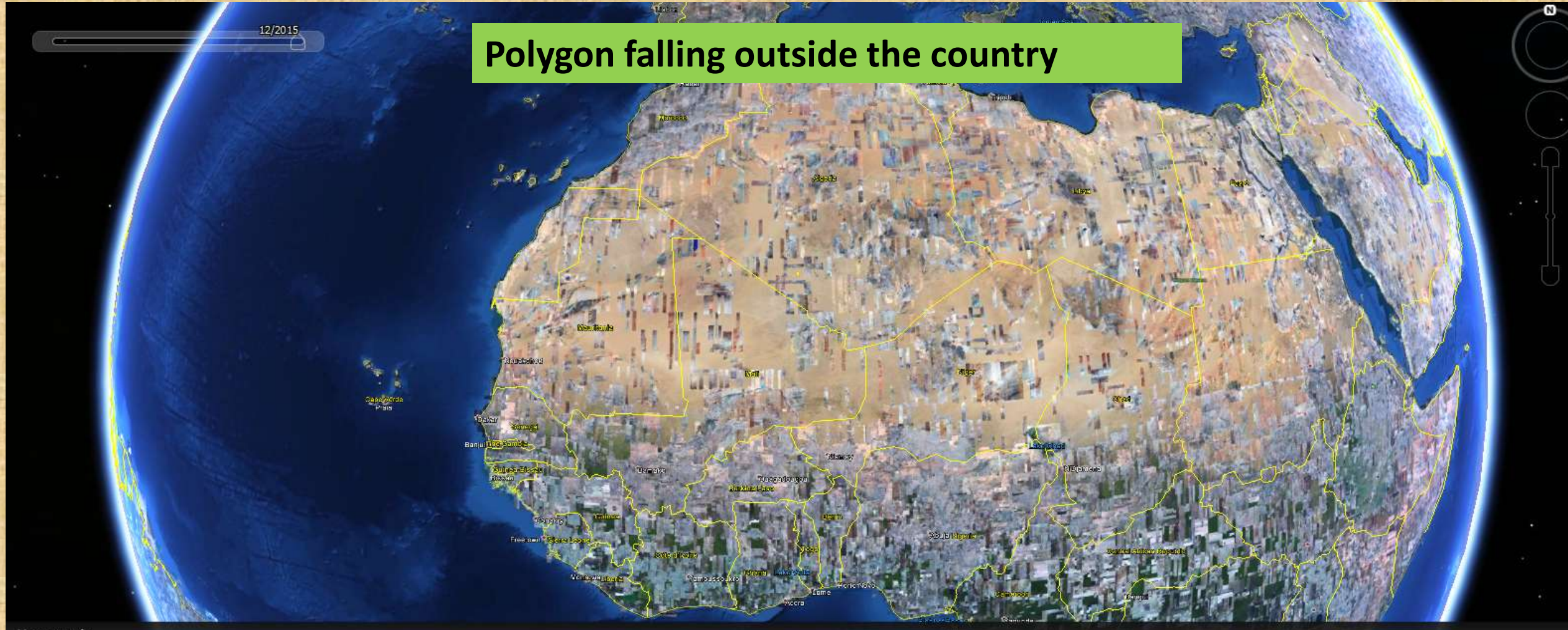
Madhya Pradesh

Diverted Land

GPS ID : 633
DIVISION : Anuppur (T)

CIRCLE : Shahdol (T)
RANGE : Anuppur

Polygon falling outside the country



PLANTATION WORK (PW)

GPS ID : 13270

ATTRIBUTE : High productive rain fed teak plantation.

PPO 2011 (Project year 2011)

STATUS : INCORRECT

CIRCLE : Vanvikash Nigam RGM BHOPAL

DIVISION : Khandwa(RGM)

RANGE : Khandwa(RGM)



JAMMU AND KASHMIR

Plantation Works

GPS ID : **24598**

State : **Jammu and Kashmir**

Division : **Urban Forestry Srinagar**

Circle : **Srinagar**


Range : **S Park**

Basic Details

Plantation Work(En) : **Assistant Natural Regeneration**

Total Proposed Area(in Ha.) : **10.000**


Work Project Year : **2017**

GPS : 

Plantation Work(Local lan.) :

Scheme Head : **Assisted Natural Regeneration (Conditional) (ANR)**


Work Duration(In Years) : **2**

Map : 

Plantation Site Details


Plantation Site : **Andarnar, Syed Mohammad abad Wuyan, DSCOSrinagar/Ganderbal 2017 to 2019**

Forest Type : **Degraded Notified Forest**

GPS : 

Total Area Proposed : **10.000** (Ha.)

Site Nature : **Other Work site**

Map : 

Location Details

State : **Jammu and Kashmir**

Division : **Urban Forestry Srinagar**

Circle : **Srinagar**

Range : **S Park**

Work-Estimate Details

Details

S.No.	Estimate Year	Operation Year	Ref. No.	Estimate Date	Estimate Type	Sanction Status	Physical(In Ha.)	Financial(In Rs.)	Activity Inserted(In Rs.)	Expenditure Inserted(In Rs.)
No details as per the desired criteria are available in the database or the desired information is not available/entered by the user.										

Species Details are to be carried out under the registered Plantation Works

Number of Plants proposed to be planted: **11500**

Total No. Species to be Planted: **3**

S.No.	Species	Polybag Seedlings	Stumps	Direct Seed Sowing	Other Plants	Total Planted	Spacing (in meters)
No details as per the desired criteria are available in the database or the desired information is not available/entered by the user.							