

INAPH Implementation

Approved Outlay for INAPH Implementation: NPBB

SN	State/UT	Allocation (Lakhs)	SN	State/UT	Allocation (Lakhs)
1	Andhra Pradesh	439.60	15	Manipur	40.00
2	Arunachal Pradesh	0.00	16	Mizoram	0.00
3	Assam	299.50	17	Nagaland	49.00
4	Bihar	672.80	18	Odisha	293.50
5	Chhattisgarh	156.00	19	Punjab	0.00
6	Gujarat	0.00	20	Rajasthan	1000.00
7	Haryana	1021.00	21	Sikkim	31.50
8	Himachal Pradesh	576.00	22	Tamil Nadu	582.00
9	Jammu & Kashmir	61.50	23	Telangana	480.00
10	Jharkhand	323.51	24	Tripura	79.60
11	Karnataka	0.00	25	Uttar Pradesh	433.00
12	Kerala	168.00	26	Uttarakhand	306.20
13	Madhya Pradesh	434.00	27	West Bengal	129.00
14	Maharashtra	244.33		Total	7820.04

Monitoring of AI Program: NPBB

Key Performance Indicator (As per approved Project Plan)	EOP Target
Identification of females covered through AI	25548000
Identification of AI born calves	10409000
Tagging Applicators	72928
Data entry (No of Transactions)	10051100
Computerization for implementation of INAPH (Data Centers)	11685

New Scheme : PASHU SANJIVNI (NMBP)

SN	Component	Approved by EFC (Centre:State)	Allocation approved by EFC
a)	Procurement Tags (85million @Rs 8/tag and replacement of tags @ 5% per annum)	60:40	80.50
b)	Health Cards (@ Rs 4/Card)	60:40	34.00
c)	50,000 Tag applicators (@ of Rs 700/tag)	60:40	3.50
d)	50,000 Tablets/Computerization @ Rs 6000	60:40	30.00
	Sub Total		148.00

INAPH TOT Programs by NDDDB

(As on 1st Feb 2017)

- 15 INAPH TOT Programs arranged
 - 30 States and 2 UTs during (Sep 2014 to Jan 2017)
 - **2014-15**: 1 State
Rajasthan (RLDB)
 - **2015-16**: 5 States
Chhattisgarh, Gujarat, Andhra Pradesh, Assam, Madhya Pradesh
 - **2016-17**: 22 States & 2 UTs
 - Kerala, Maharashtra, Odisha, Jharkhand, Madhya Pradesh, Bihar, Haryana, Uttar Pradesh, Himachal Pradesh, Uttarakhand, Jammu & Kashmir, Tamil Nadu, Telangana, West Bengal, Nagaland, Tripura, Sikkim, Manipur, Gujarat, Punjab, Karnataka, Mizoram, Daman & Diu (UT), Andaman & Nicobar (UT)
 - 221 Participants trained as Trainers

INAPH Implementation Milestones

1. Formal request by EIA to MD, NDDDB for use of INAPH. Communication of approval along with T&C to CEO of EIA.

2. First meeting of concerned officials of EIA & NDDDB to discuss and finalize implementation plan.

3. Arrangement of infrastructure requirement by EIA as per timelines. Procurement of tagging material, hardware, internet, manpower etc.

**4. (a) Arrangement of INAPH TOT Program by NDDDB at Anand.
(b) Arrangement of End User training program by EIA at district level.**

5. Creation of INAPH masters, users, bulls, AI centers etc on INAPH production server by NDDDB in consultation with EIA.

**6. (a) INAPH GO LIVE.
(b) Regular Follow-Up & Monitoring.**

State-wise Progress so far...

Madhya Pradesh (EIA: MP&PDC)

Nodal Officer: Dr G S Dawar

SN	Activity	Description	Remarks
1	First Request Date	1 st June 2015	
2	First Meeting Second Meeting	4 th Aug 2015, Bhopal by Principal Secretary (Dept. of AH) 30 th Sep 2015, Bhopal	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet Formats, Man Power	4.5 lakh Ear Tags procured
4	INAPH TOT Program at NDDDB, Anand	16 th - 18 th Mar '16 (18 Participants) 14 th - 16 th Sep '16 (25 Participants) 30 th Jan - 1 st Feb '17 (14 Participants)	3 INAPH TOTs & 57 Trainers trained from 38 districts
5	INAPH End User Training	5 th Apr '16 Agar Malwa (52 AITs) 17 th Jun '16 Shajapur (42 AITs) 17 th Jun '16 Khargone (44 AITs) 6 th Jul '16 Dhar (144 AITs)	282 End Users trained
6	Master Creation	Phase 1: 4 Districts completed Remaining districts work in progress	
7	Go Live	2 Districts/ 10 Taluka/ 478 Animals Registered	

Key Points:

- 1.
- 2.

Maharashtra (EIA : MLDB, Akola)

Nodal Officer:

SN	Activity	Description	Remarks
1	First Request Date	2 nd Feb 2016	
2	First Meeting	22 nd Feb 2016, Mumbai Request of Secretary (ADF) Meeting/Demo in Mumbai	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	
4	INAPH TOT Program at NDDDB, Anand	25-27 th May '16 (18 Participants)	
5	INAPH End User Training	4575 End Users trained by Trainers in all the districts in MH	(LDOs, Supervisors, Para vets)
6	Master Creation	Phase 1: 6 Districts/76 Tehsils Phase 2: Remaining Districts 29/273 Tehsils	2 Districts: Completed (Satara & Sangli) Work in Progress
7	Go Live		

Key Points:

- 1.
- 2.

Gujarat (EIA : GLDB)

Nodal Officer: Dr K D Solanki

SN	Activity	Description	Remarks
1	First Request Date		
2	First Meeting		
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	
4	INAPH TOT Program at NDDDB, Anand	19 th – 20 th May '15 (21 Participants) 19 th – 21 st Oct '16 (4 Participants)	25 Trainers trained
5	INAPH End User Training	Yet to be conducted	
6	Master Creation	Yet not started	
7	Go Live		

Key Points:

- 1.
- 2.

Jharkhand (EIA : JSIA)

Nodal Officer: Dr K K Tiwary

SN	Activity	Description	Remarks
1	First Request Date	7 th Sep 2015	
2	First Meeting	9 th Oct 2015	
3	Infrastructure Arrangement	Infrastructure available 80K Ear Tags available VHs with NADRS Sys: 220 but 150 working. Formats printing completed	Remaining VHs to be equipped with PC/System in 5-6 months
4	INAPH TOT Program	17 th – 19 th Aug 2016 (22 Participants)	
5	INAPH End User Training	AITs have been trained in Data Collection & Format Filling	72 Vets and 1202 AITs have been trained so far.
6	Master Creation	Phase 1: 8 Districts (Ranchi, Deoghar, Hazaribagh, Lohardaga, Jamshedpur, Bokaro, Dhanbad & Koderma)	Work in Progress
7	Go Live		Planned in 8 Districts VHs: 432, Implement by JSIA, BAIF and JK Trust

Key Points:

- 1.
- 2.

Odisha (EIA : OLRDS)

Nodal Officer: Joint Director, FSB Cuttack

S N	Activity	Description	Remarks
1	First Request Date	2 nd Feb 2015	
2	First Meeting	6 th Oct 2015	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	25K Ear Tags available 5 Desktops available at VDs Work in Progress
4	INAPH TOT Program	29 th Jun – 1 st Jul '16 (7 Participants)	
5	INAPH End User Training		Orientation of INAPH to 98 Field Officers completed To be Trained in 30 Districts: 596 Vets, 2134 Para Vets, 2276 AITs
6	Master Creation	Phase 1: Cuttack/5 Blocks	
7	Go Live	1 District (Cuttack)/ 5 Blocks Centralized Data Entry Centre at Cuttack Semen Station	

Key Points:

- 1.
- 2.

Chhattisgarh (EIA : CSLDA)

Nodal Officer: Dr S L Udke

SN	Activity	Description	Remarks
1	First Request Date	2 nd Feb 2015	
2	First Meeting	6 th Oct 2015	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet Connectivity and other infrastructure in place for 6 districts	Work in progress for remaining districts
4	INAPH TOT Program	28 th – 30 th Apr 2015 (18 Participants)	
5	INAPH End User Training		
6	Master Creation	Phase 1: 6 Districts	Work in Progress
7	Go Live		

Key Points:

- 1.
- 2.

Kerala (EIA : Department of AH)

Nodal Officer: Dr U S Ramachandran

SN	Activity	Description	Remarks
1	First Request Date	3 rd Sep 2014	
2	First Meeting Second Meeting	16 th Dec 2014 13 th Jan 2016	Project being discussed during KLD Board meetings
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	
4	INAPH TOT Program	12 th – 14 th Apr 2016 (5 Participants)	
5	INAPH End User Training		Not Yet Done
6	Master Creation	Phase 1: Kozhikode (1 District)	Masters creation completed for Kozhikode
7	Go Live		

Key Points:

1. During the meeting with Director (AH), Got of Kerala, DAHOs, NDDDB Officials it was informed that they would be using their own software to record AI activities and INAPH will be used for KLDB PT Project activities.
- 2.

Karnataka (EIA : Department of AH)

Nodal Officer: Dr T S Reddy

SN	Activity	Description	Remarks
1	First Request Date	23 rd Jan 2015	
2	First Meeting Latest Meeting	17 th Jan 2015 5 th Jan 2016	16 Lakh Ear Tags available
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	VHs: 664, VDs: 1833 VHs with NADRS Sys: 176 750 Tabs & 76 PCs available
4	INAPH TOT Program	10 th – 12 th Nov 2016 (7 Participants)	
5	INAPH End User Training		Vets: 37 Trained To be Trained: AITs: 750, Pvt: 280
6	Master Creation	In Progress	Planned: 30 Districts
7	Go Live		

Key Points:

1. 433 AITs User IDs created for 14 Milk Unions of KMF in the 1st Phase.
- 2.

Telangana (EIA : TSLDA)

Nodal Officer: Dr Lakshma Reddy

SN	Activity	Description	Remarks
1	First Request Date	15 th Sep 2015	
2	First Meeting Second Meeting	29 th Sep 2015 5 th Feb 2016	Plan discussed during the second meeting on 5 th Feb 2016.
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	Proposal for procurement of Tags under NMBP
4	INAPH TOT Program	29 th Sep – 1 st Oct 2016 (4 Participants)	
5	INAPH End User Training		
6	Master Creation		Planned: 437 Mandals of 9 districts
7	Go Live		

Key Points:

- 1.
- 2.

Andhra Pradesh (EIA : APLDA)

Nodal Officer: Dr P Satya Kumari

SN	Activity	Description	Remarks
1	First Request Date	8 th Sep 2015	
2	First Meeting	12 th Oct 2015	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	In Progress, to be completed by March 2017
4	INAPH TOT Program	12 th – 14 th Oct 2015 (3 Participants)	
5	INAPH End User Training		End Users to be Trained: Vets: 2269 Para Vets: 3091 AITs: 2636
6	Master Creation		
7	Go Live		Planned in 13 Districts, 180 VHs, AITs in Dept. 3043, Gopalmitras 2636, Others 477

Key Points:

- 1.
- 2.

Tamil Nadu (EIA : TNLDA)

Nodal Officer: Dr Sankara Subramanyam

SN	Activity	Description	Remarks
1	First Request Date	12 th May 2015	
2	First Meeting Second Meeting	4 th Jun 2015 19 th Aug 2015	Latest Meeting: 16 th Nov 2016
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	Ear Tags procurement completed. Data Collection Formats printing in progress
4	INAPH TOT Program	29 th Sep – 1 st Oct 2016 (4 Participants)	
5	INAPH End User Training	1148 End Users Trained 10 Districts 3 Milk Unions	
6	Master Creation	3 Milk Unions Masters creation completed	Work in Progress
7	Go Live		

Key Points:

- 1.
- 2.

Himachal Pradesh (EIA : HPLDB)

Nodal Officer: Dr Ashok Sharma

SN	Activity	Description	Remarks
1	First Request Date	13 th Jan 2015	
2	First Meeting	19 th Jun 2015	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	State VH: 1, Polyclinics: 9, SubDiv VHs: 48, VHs: 321, VDs: 30 (Total: 409) VHs with NADRS Sys: 63
4	INAPH TOT Program	26 th – 28 th Sep 2016 (4 Participants)	
5	INAPH End User Training	Training of End Users on format filling completed	End Users to be Trained: Sr Vets: 40, Vets: 277, Para Vets: 2727
6	Master Creation	Not done	
7	Go Live		Planned in 12 Districts

Key Points:

- 1.
- 2.

Punjab (EIA : PLDB)

Nodal Officer: Dr Sanjeev Khosla

SN	Activity	Description	Remarks
1	First Request Date	23 rd Mar 2015	
2	First Meeting		
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	VHs: 1367
4	INAPH TOT Program	19 th – 21 st Oct 2016 (4 Participants)	
5	INAPH End User Training		End Users: 2852 Dept. of AH
6	Master Creation		Plan: 22 Districts
7	Go Live		

Key Points:

- 1.
- 2.

Rajasthan (EIA : RLDB)

Nodal Officer: Dr Bhagwan Das Sharma

SN	Activity	Description	Remarks
1	First Request Date	25 th Jul 2014	
2	First Meeting	28 th Jul 2014	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	VHs: 200 VHs with NADRS Sys: 0 40K Ear Tags available
4	INAPH TOT Program	29th Sep - 1st Oct 2014 (2 Participants)	
5	INAPH End User Training	Completed in 34 Districts	AITs of Dept. of AH: 3190 Vets: 1470 JKT to provide services in 3 Districts
6	Master Creation	Completed for 26 Polyclinics	
7	Go Live	Started in 26 Polyclinics	

Key Points:

- 1.
- 2.

Uttar Pradesh (EIA : UPLDB)

Nodal Officer:

SN	Activity	Description	Remarks
1	First Request Date		
2	First Meeting		
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	
4	INAPH TOT Program	26 th – 28 th Sep 2016 (3 Participants)	
5	INAPH End User Training	End User Training completed by the Trainers	26 Veterinary Officers trained by the Trainers
6	Master Creation	Not done	
7	Go Live		

Key Points:

- 1.
- 2.

Bihar (EIA : BLDA/COMFED)

Nodal Officer: Dr Jageshwar Lal

SN	Activity	Description	Remarks
1	First Request Date	4 th Jun 2013	
2	First Meeting	21 st Jun 2013	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	Work in Progress
4	INAPH TOT Program	26 th – 28 th Sep 2016 (4 Participants)	
5	INAPH End User Training	Scheduled in Feb – Mar 2017	
6	Master Creation	Phase 1: Barauni Milk Union	Work in Progress
7	Go Live		

Key Points:

- 1.
- 2.

Jammu (EIA : LDB Jammu)

Nodal Officer: Dr Inderjeet Singh

SN	Activity	Description	Remarks
1	First Request Date	4 th Jun 2015	
2	First Meeting	21 st Jun 2016	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	Procured and distributed 1.93 Lakh tags to Veterinary Institutions
4	INAPH TOT Program	26 th – 28 th Sep 2016 (2 Participants)	
5	INAPH End User Training	Not Done	LDB Jammu: not received funds for stationary printing as well as ICT infrastructure purchase
6	Master Creation	Not Done	
7	Go Live		

Key Points:

- 1.
- 2.

Kashmir (EIA : LDB Kashmir)

Nodal Officer: Dr Idrees Mir

SN	Activity	Description	Remarks
1	First Request Date	08 th Feb 2016	
2	First Meeting	10 th June 2016	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	1.93 Lakh ear tags procured, LDB Kashmir has requested for INAPH Android app use permission.
4	INAPH TOT Program	26 th – 28 th Sep 2016 (2 Participants)	
5	INAPH End User Training		
6	Master Creation	Phase1: 1 District (Anantnag)	
7	Go Live	Registration of 10 Animals from 1 Bull Mother farm in Ganderbal in IANPH.	

Key Points:

- 1.
- 2.

Assam (EIA : ALDB)

Nodal Officer: Dr Mokbul Hussain Ahmed

SN	Activity	Description	Remarks
1	First Request Date	4 th Jun 2013	
2	First Meeting	21 st Jun 2013	
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	
4	INAPH TOT Program		
5	INAPH End User Training	12 th – 14 th Oct 2015 (2 Participants)	
6	Master Creation		
7	Go Live		

Key Points:

- 1.
- 2.

Haryana (EIA : HLDB)

Nodal Officer: Dr B S Rangri

SN	Activity	Description	Remarks
1	First Request Date	8 th Aug 2016	
2	First Meeting		VHs: 408, VHs with NADRS Sys: 42 of which 10 in working condition
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	4.38 Lakhs available, 10 lakhs Tag procurement done
4	INAPH TOT Program	26 th – 28 th Sep 2016 (2 Participants)	
5	INAPH End User Training	End User Training completed	
6	Master Creation	No request received for master creation yet	Planned: 6 Districts Jhajjar, Rohtak, Sonipat, Jind, Bhiwani, Hisar
7	Go Live		

Key Points:

- 1.
- 2.

Uttarakhand (EIA : ULDB)

Nodal Officer: Dr Satya Swaroop

SN	Activity	Description	Remarks
1	First Request Date		Project proposal under Pashu Sanjivani for proc of 10.45 Lakh Ear Tags, 1312 Ear Tag Applicator and 1312 Tablets is submitted to GoI for approval.
2	First Meeting		
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	VHs: 328 VHs with NADRS Sys: 95
4	INAPH TOT Program	26 th – 28 th Sep 2016 (4 Participants)	
5	INAPH End User Training	INAPH training to Veterinarians in AH department at Kumoan, Dehradun and Ghadwal districts completed on 17 th , 18 th , 28 th Sept 2016 respectively	Dept. AICs: 642 ULDB Pvt AICs: 448 BAIF: 106 Dairy Coops: 25
6	Master Creation	Planned in 13 Districts: Phase 1: INAPH implementation in computerized AI centers of Dehradun, Haridwar, Udham Singh Nagar and Nainital districts of Uttarakhand	
7	Go Live		

Key Points:

- 1.
- 2.

West Bengal (EIA : PBGSBS)

Nodal Officer: Nisith Kumar Panda

SN	Activity	Description	Remarks
1	First Request Date		
2	First Meeting		
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	VHs: 722 VHs with NADRS Sys: 341 4 Lakh Tags available
4	INAPH TOT Program	29 th Sep – 1 st Oct 2016 (4 Participants)	
5	INAPH End User Training		
6	Master Creation		
7	Go Live		

Key Points:

- 1.
- 2.

Manipur (EIA : Department of AH)

Nodal Officer:

SN	Activity	Description	Remarks
1	First Request Date		
2	First Meeting		
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	
4	INAPH TOT Program	29 th Sep – 1 st Oct 2016 (2 Participants)	
5	INAPH End User Training		
6	Master Creation		
7	Go Live		

Key Points:

- 1.
- 2.

Nagaland (EIA : Nagaland LDB)

Nodal Officer:

SN	Activity	Description	Remarks
1	First Request Date		
2	First Meeting		
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	
4	INAPH TOT Program	29 th Sep – 1 st Oct 2016 (4 Participants)	
5	INAPH End User Training	Scheduled in March 2017	
6	Master Creation		
7	Go Live		

Key Points:

- 1.
- 2.

Sikkim (EIA : Department of AH)

Nodal Officer:

SN	Activity	Description	Remarks
1	First Request Date		
2	First Meeting		
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	Work in Progress
4	INAPH TOT Program	29 th Sep – 1 st Oct 2016 (4 Participants)	
5	INAPH End User Training	Scheduled in Mar 2017	
6	Master Creation	Work in Progress	
7	Go Live		

Key Points:

- 1.
- 2.

Tripura (EIA : Tripura LDB)

Nodal Officer:

SN	Activity	Description	Remarks
1	First Request Date		
2	First Meeting		
3	Infrastructure Arrangement	Ear Tags, Hardware, Internet, Formats, Man Power	
4	INAPH TOT Program	29 th Sep – 1 st Oct 2016 (2 Participants)	
5	INAPH End User Training		
6	Master Creation		
7	Go Live		

Key Points:

- 1.
- 2.

Key Issues observed

1. Procurement of Ear Tags & Tagging Materials
2. Preparation of INAPH Masters information
 - User Profile Masters & AI Centres Masters
3. Manpower for INAPH Data Entry activities
4. Reluctance of Veterinary officers for recording of events
5. Lack of Coordination among the districts in preparation of Masters Information

**State-level proposed Mechanism
for systematic implementation of
INAPH**

State level INAPH Implementation Committee (SIC)

- Headed by Secretary (AH)
- At least 2 domain experts (Senior Veterinarians), Representative of NIC, Statistician and MIS Officer

Key Activities

- Selection & Identification of Districts for INAPH implementation
- Facilitate procurement of Tagging Material
- Finalization of INAPH Data centres & Arrangements for ICT Infrastructure & Data Collection & Printing of Formats
- Identification of Trainers from district level
- Monitoring & Follow Up of the activities in the State
- Facilitate Technical Support from NDDB for smooth operations in State
- Preparation & Analysis of data
- Coordination with DADF Cell and NDDB
- To establish and monitor the activities, long term exclusive availability of people working in INAPH

INAPH Implementation Cell at DADF

- Headed by Secretary (ADF)
- At least 2 senior veterinarians from Breeding & Health domain, Representative of NIC, Statistician & MIS Officer

Key Activities

- Monitoring & Follow Up of Project in each state through SIC
- Analysis of data and preparation of reports
- Review Meeting, Agenda & MOM & ATR preparation
- Management of MIS system
- Resolution of Issues of SICs related to project implementation
- Coordination with NDDB & SICs

Key NDDB Activities

- Capacity building through INAPH TOT Programs requested by various SICs
- Facilitate deployment of INAPH application to each of the data centres through SICs
- INAPH related technical support
- Facilitate the preparation/creation of INAPH Masters
- Management and Administration of central INAPH server at NDDB, Anand
- Upgradation & Enhancement of INAPH, analysis of new requirements & change requests, design & development, UAT of new functionalities & enhancement/maintenance of existing application
- Analysis of data and generation of information as per requirement of NDDB/GoI.

Thank You