Consortium Advisory Committee (CAC) of NAIP sub-project
"Harmonizing biodiversity conservation and agricultural intensification through integration of plant, animal and fish genetic resources for livelihood security in fragile ecosystems"

Proceedings of the Fourth Meeting of CAC, NAIP-Component-3

Held on 13.9.2011 at NBPGR, New Delhi.

The fourth meeting of CAC of the NAIP sub-project on "Harmonizing biodiversity conservation and agricultural intensification through integration of plant, animal and fish genetic resources for livelihood security in fragile ecosystems" was organized on 13.9.2011 at NBPGR. The following CAC members were present:

1.	Dr. R.S. Rana	:	Chairman
2.	Dr. A.P. Srivastava	:	Member
3.	Dr. B.P. Singh	:	Member
4.	Dr. B.D. Sharma	:	Member
5.	Ms. Anita Sharma	:	Member
6.	Sh. Sunda Ram	:	Member
7.	Dr. K.C. Bansal	:	Member & Consortium Leader
8.	Dr. I.S. Bisht	:	Member Secretary & CPI

Three CAC members, Mr. D.S. Murthy, Dr. K.E. Prasada Rao and Dr. Y. K. Gupta, could not participate.

The Director, NBPGR and Consortium Leader (CL) of the above stated NAIP sub-project welcomed the Chairman and members of the CAC, and other project participants (*Annexure-I*). He highlighted the relevance of such flagship projects in global climate change era wherein the role of agrobiodiversity is seen as an important component of mitigation and adaptation strategy for sustaining agricultural production in the face of threat posed by possible climate change..

The Chairman, Dr. R.S. Rana, in his opening remarks, explained the role of the CAC and reiterated the importance of the project pointing out the complexities and challenges of implementing it in its true spirit. In particular, he emphasized that interventions regarding the on-farm conservation and management of genetic resources to be undertaken with a participatory approach at all stages of the process and attaining the target of 1000 farmer beneficiaries in each of the three districts. The weaker sections of communities and landless families should invariably be included in all relevant technological interventions like processing, packaging, marketing and fisheries related interventions. Since developing the local level seed network will play an important role in availability of good quality seeds while enhancing the food and livelihood security in these districts, the target farmers need to be provided with improved seed bins to store their upgraded seed material during the season. He suggested that a critical overview of the progress of the project's implementation was required during the next meeting of the CAC to serve as a kind of midterm review and course correction where required.

Dr. A.P. Srivastava, the National Coordinator of NAIP Component-3 (SRLS) emphasized that the project has to be operated in true spirit of a consortium. Individual consortia should complement each other and some tangible results were expected at this stage. Sustainability of technological interventions needs to be ensured. The impact assessment of various "add-value" and marketing interventions needed to be critically analyzed so that replicable results could be up-scaled and disseminated to other areas as well. He also emphasized on bringing out some quality publications under the project, including some success stories.

Dr. S.K. Pareek, the former CPI of the project and special invitee in the meeting, thanked the project partners for all the good work done so far in the project and impressed upon their sincere efforts for the success of the project in all possible manners.

The CPI of the project, Dr. I.S. Bisht, made a brief presentation about the progress of the project so far. Areas needing focused attention were highlighted and need of mid-term corrections expressed so that issues of food self-sufficiency as well as local resource conservation could be duly addressed in identified villages/village clusters. The presentation was interactive and comments/considered views of Chairman, CAC and other participants were duly received and deliberated.

The presentations on the overall progress of the project by the CPI was followed by presentations of individual consortium partners viz. NBPGR Regional Stations, Shimla, Jodhpur and Hyderabad; NBAGR, Karnal; NBFGR, Lucknow; MPUAT, Udaipur & its NGO associate Seva Mandir; CSK-HPKV, Palampur; ANGRAU, Adilabad, and APSBDB, Hyderabad. District-wise presentations were made, separate presentations for each components, plant, animal and fish (copy of programme attached).

The general baseline survey is now complete for all the three districts. The farm families in all villages/village clusters for various "add-value" interventions have been identified and planned interventions on plant, animal and fish components have been undertaken as envisaged in the project document. The impact assessment and sustainability of these interventions, however, are yet to be validated.

The following recommendations have emerged based on discussions held subsequent to presentations made by the project partners:

1. The baseline survey data, collected from each target district, needs to be compiled, tabulated and printed to serve as the reference material for monitoring purpose. The information may be developed in electronic format and made available to the Chairman and all the members of the RAC enabling them to track the progress of different activities.
   [**Attention**: Member Secretary]
2. Village level entrepreneurs need to be identified and used as resource for farm and survey work. These social entrepreneurs are also expected to offer creative solutions to various operational problems while undertaking the add-value interventions at farm household level.

   [**Attention**: Nodal Scientists at the 3 sites]
3. Strict transparency in selection of farmer participants should be observed and representation from weaker sections of the community including landless families from the village should be ensured. Baseline information before taking any intervention is necessary to assess its impact and periodic monitoring at a later stage, if any.

   [**Attention**: All the Consortium Partners]
4. Developing Plant Biodiversity Registers (PBR) needs to be taken up on priority. Dr. S.N. Jadav, Member Secretary, APSBDB & the Consortium Partner for Adilabad district has been requested to help finalize PBR formats for use by all project partners. Hiring consultant to develop PBR format also can be explored. [**Attention**: Member Secretary]
5. PBR initiatives should be linked with establishment of community gene banks. Community genebanks may provide a way for farmers to store valuable germplasm in a community based *ex situ* setting. This approach may enhance benefits when integrated with, for example, a seed exchange network, helping to improve farmers' control over their genetic material. PBRs, on the other hand, not only keep track of households who manage local resources at community level but affirm the value of indigenous knowledge of these

resources and encourage their continued use and conservation. IPR issues, if any, should also be duly addressed. [**Attention**: All the Consortium Partners]

6. BMCs in each district also need to be formed in line with initiatives taken by Adilabad district and Dr. Jadav was requested to guide other partners form BMCs in respective districts. [**Attention**: All the Consortium Partners]

7. Revisiting the approved work-plan was emphasized to quantify each activity and action. Similarly, the impact in terms of income and employment generation, etc. also needs to be clearly projected for each community intervention. [Attention: Member Secretary]

8. For fisheries interventions, farmers traditionally involved in fish farming should be involved. [**Attention**: Nodal scientists, NBFGR]

9. As quality publications including research papers, technical bulletins, success stories, etc. are considered important performance indicators, the aspect needs enhanced attention. Each district should have a compilation on unique bioresources of plant, animal and fish components with good quality photographs. Even video documentation of unique bio-resources is desirable. [**Attention**: All the Consortium Partners]

10. Uniform reporting system should be followed. A format needs to be developed to quantify targets, and targets achieved and deficit, if any, in achieving the same may be clearly reported. Hardcore quantitative data should be presented in while reporting progress in future. [**Attention**: Member Secretary]

11. All care should be taken for proper record keeping and transparency observed in all community level interventions. [**Attention**: All the Consortium Partners]

12. Marketing interventions require enhanced efforts. Development of local farmer cooperatives and modalities for sale of value-added product to nearby and distant markets needs to be worked out. Hiring consultant to develop such marketing models also needs to be explored. [**Attention**: All the Consortium Partners]

13. On-site visits, where feasible, may be organized for the Chairman and Members of CAC to some selected locations, in linkage with on-going project activities, enabling them to monitor the progress and offer corrective measures, where required.
[**Attention**: Member Secretary]

14. Proposals for additional budgetary requirements, where needed, may be submitted with full justification for consideration of the Chairman, CAC. Such proposals should clearly indicate the present status requiring the proposed intervention, duly quantified in terms of its impact, and the expected outcome. The expected beneficiaries of the proposed intervention also need to be quantified. [**Attention**: All Consortium Partners & Member Secretary]

The meeting ended with a vote of thanks to the Chair.

(I.S. Bisht)	(K.C. Bansal)	(R.S. Rana)
CPI	Consortium Leader	Chairman, CAC

4th CAC Meeting

NAIP Sub-project

"Harmonizing biodiversity conservation and agricultural intensification through integration of plant, animal and fish genetic resources for livelihood security in fragile ecosystems"

PROGRAMME

Date: 13th September 2011
Venue: Dr. B.P. Pal Auditorium, NBPGR, New Delhi

9:30 - 10:00	Registration
10:00 -10:10	Welcome address by Director, NBPGR & CL
10:10 -10:20	Remarks by Chairman, CAC
10:20 -10:30	Remarks by NC, Comp-3, PIU, NAIP
10:30 -10:40	Remarks by Dr. S.K. Pareek, Ex-CPI (*Special Invitee*)
10:40- 11:00	Presentation by CPI
11:00 -11:15	Tea

District-wise presentations
(Progress, future workplan, constraints, etc.)

Chamba

11:15 – 13:15	NBPGR Shimla NBAGR, Karnal NBFGR, Lucknow CSK-HPKV, Palampur (Plant, animal and fish component, separately)
13:15- 14:00	Lunch

Udaipur

14:00-15:30	NBPGR, Jodhpur NBAGR, Karnal NBFGR, Lucknow MPUAT, Udaipur (Plant, animal and fish component, separately) Seva Mandir, Udaipur
15:30-15:45	Tea

Adilabad

15:45- 17:15	NBPGR, Hyderabad NBAGR, Karnal NBFGR, Lucknow ANGRAU, Hyderabad (Plant component) APSBDB, Hyderabad (Animal and fish component)
17:15-17:30	Remarks by Members, CAC
17:30-17:45	Concluding remarks by Chairman, CAC
17:45-18:00	Vote of thanks

List of Participants

CAC Members

1	Dr. R.S. Rana	:	Chairman
2	Dr. A.P. Srivastava	:	Member
3	Dr. B.P. Singh	:	Member
4	Dr. B.D. Sharma	:	Member
5	Ms. Anita Sharma	:	Member
6	Sh. Sunda Ram	:	Member
7	Dr. K.C. Bansal	:	Member & Consortium Leader
8	Dr. I.S. Bisht	:	Member & CPI

NBPGR: Lead Consortium

9 Dr. S.K. Malik
10. Dr. S.R. Pandravada
11. Dr. N.K.Dwivedi
12. Dr. J.C. Rana
13. Dr. R.K. Tyagi
14. Dr. M. Dutta
15. Dr. Veena Gupta
16. Dr. Anjali Kak
17. Dr. S.K. Yadav
18. Dr. Sushil Pandey
19. Sh. P.B. Singh
20. Dr. Archna Singh
21. Mr. Firoz Ahmad

Consortium Partners

- ***NBAGR, Karnal***
  22. Dr. B.K. Joshi, Director
  23. Dr. Anand Jain
  24. Dr. P.K.Vij
  25. Dr. Raja
- ***NBFGR, Lucknow***
  26. Dr. K.K. lal
- ***CSK-HPKV, Palampur***
  27. Dr. J.K. Sharma
  28. Dr. Alok Sharma
  29. Dr. R.C. Chauhan
  Dr. Pradeep Sharma
- ***MPUAT, Udaipur***
  30. Dr. S.P. Tailor
  31. Dr. Arvind Verma
  32. Dr. V.P. Saini
  33. Dr. Fateh Lal Sharma
- ***NGRAU, Adilabad***
  34. Dr. P. Ramesh
- ***APSBDB, Hyderabad***
  35. Dr. S.N. Jadav
  36. Dr. G. Shailu
- ***Seva Mandir, Udaipur***
  37. Mr. S. Tiwari
  38. Mr. N. Ameeta