

Practical Action-Sudan

PROLINNOVA PROGRAM

In Collaboration with
Western Sudan Resources Management Program
1st Training Workshop on
Participatory Innovation Development
(PID)
El Obied- North Kordofan State
December, 2006 ,23-18



Workshop Report
January 2007

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**Report on the PID training Workshop
El Oied - North Kordofan State**

18-23/December 2006

Introduction:

PROLINNOVA is an NGO-led initiative to build a global learning network on promoting local innovations in ecologically-oriented agriculture and natural resource management. The focus is on recognizing the dynamics of indigenous knowledge and learning how to strengthen the capacities of family farmers to adjust to changing conditions: to develop and adapt their own site – appropriate systems and institutions of resource management in order to gain food security, sustain their livelihoods and safeguard the environment.

The unique location of the Sudan and its wonderful diversity make it one of the best locations for the PROLINNOVA Program. The Program in Sudan aims at building/strengthening partnerships between the different stakeholders involved in agriculture, Natural Resource Management (NRM), agricultural research and development in the country. The Technology Transfer and Extension Administration (TTEA) and the Agricultural research Corporation (ARTC) are the implementing partners of the program.

Participatory Innovation development is a key activity of the Sudan program.

Training Purpose:

Mainstreaming Participatory Innovation Development (PID) into the activities of the researchers, academicians and development workers.

Objectives:

- Share experience to build on and scale up farmers based research and development (R&D) approach;
- Stimulate interest among researchers and development workers on participatory development for the local ideas and innovations.
- Awareness of the challenges faced by development professionals and scientist in moving local innovations further towards joint experimentation and integrating relevant information and ideas coming from others.

Organization and facilities:

Originally it has been planned to conduct the PID training in 5 locations where the PROLINNOVA program has been introduced. These locations were El Fashir, El Obied, Kassala, Sinja and Donglola. After several contacts the Western Sudan Resource Management Program showed its readiness to host the workshop in El Obied. The (WSRMP) is funded by IFAD and is operational in greater Kordofan (North and South). Its Head Quarter is located in El Obied the capital town of North Korfofan State.

Preparations for convening the training workshop were coordinated with the North Kordofan TTEA and WSRMP. Training sessions were carried out at the main meeting hall of El Obied Agricultural Research Station. Participants were accommodated at the guest houses of El Obied Research Station and the WSRMP.

The training period was suggested to be for 7 days. Due to some logistical and time constraints it has been decided to convene the training during a period of 6 days from the 18th to 23rd of December 2006

Facilitators:

PROLINNOVA Program has trained 4 Sudanese staff as facilitators for PID training. Two of them are working with Practical Action, one is working with the TTEA in Kassala and the fourth is working with WSRMP in North Kordofan. Of the above number of facilitators only two were able to operate this training. One of the other two was felt sick and the other one was on official mission outside El Obied. Experienced facilitators were drawn from the Agricultural Research Station in El Obied, Sinar University and the National Council for Social and Economic Research to replace the facilitators who were not able to attend. The Director of the TTEA participated in most of the sessions. He linked together the session's contents and with the current daily practices of the TTEA personnel in North and South Kordofan State.

Participants

23 participants were officially invited to the workshop. Six other professionals from North Kordofan State got the opportunity and attended the workshop without any entitlements. They photocopied workshop handouts on their own expensed. So, the total number of participants was 29. As regarding their qualifications 2 of the participants were holding Phds, 2 with MScs, 2 doing their MSc and 23 were holding BScs in Agriculture. Gender balance among the participants was clear as 12 (41 %) were females and the other 17 (59%) were males. Participants are working in the following areas:

- 2 university lecturers
- 4 extensionists with the TTEA
- 14 extensionists with the WSRMP
- 4 Natural resources and forestry
- 1 farmers union.

Participants were drawn from North Kordofan State (from 7 localities), South Kordofan State (from 4 localities), Kassala State, North Darfur State and El Shamalia State.

Workshop events:

A ceremonial opening session was held at the beginning of the first day of the workshop. The program for this session was as follows:

- Verses from the Holy Koran.
- Speech by the Director of the TTEA
- Speech by the WSRMP Coordinator

- Speech by the PROLINNOV Coordinator.
- Speech by the State Ministry of Agriculture, Animal wealth and Irrigation.
- Closure.

In addition to the participants to the workshop the following dignitaries attended the opening ceremony:

1. Dr. Mohamed Ali Mansour. State Minister for Agriculture, Animal Wealth and Irrigation, North Kordofa.
2. Dr. Faisal El Haj, Director, Agricultural Research Station, El Obied.
3. Dr. Abel Rahman El Khidir, Manager Dry Lands Research Centre
4. Dr. Bashir Awad, Manager, Seeds Propagation Section, Agricultural Research station, El Obeid.
5. Dr. Hamid Adam, Director, Animal Wealth General Administration.
6. Mahmoud Fadlallah, Director, General Administration for Agricultural Services.
7. Khalid Hassan Abed Rabu, Director, General Administration for Natural Resources.
8. Mohamed El Assam, Director, Plant Protection Department.
9. Sheikh el Deen Farah El Door, Head of Extension and Rural Development Section, University of Kordofan.
10. Rashid El Tigani, Agricultural Inspector, Shaikan Locality.
11. Yousif El Balal, Head of Pastoralists Union.
12. El dirdeery Adam El Zain, Head of Farmers Union.
13. Musa Abdella, Deputy Director, Department of Forestry.
14. Musa Adam El Shareef, Director, TTEA, State Ministry of Agriculture.
15. Ahmed Hanafi, Coordinator, Western Sudan Resources Management Program, El Obied.
16. Amal Hamid Bushara, Women Development Section, WSRMP.
17. Faiza Salih Abdel Wahab, State coordinator, WSRMP, El Obied.

Methods and techniques:

The training workshop was conducted in a participative manner. Facilitators used methodologies that would contribute to the personal transformation of participants towards giving value to participatory processes, respect and being agents of learning during PID processes. The workshop was extremely interactive and participatory. The methods used, behaviors and attitudes of the facilitators mirrored the principals of PID Specially, problem-solving methods, small group workshops, interaction with participants and innovative farmers, games and other experimental learning methods were given due emphasis.

Other Activities:

In the evening of the third day of the workshop the researcher at Dongola Agricultural Research Station, El Shamalia State, held a seminar on the Socio-economic impacts of Improved Wheat Production Technologies in Northern State. The research was conducted under ICARD / IFAD Technology Transfer Project in the region. Researchers at El Obied Agricultural Research Station and the participants to the PID training workshop attended the seminar. The seminar witnessed constructed

discussion linking what was presented to what participants were learning at the workshop. The participants highly commended the role of farmers' participation in technology development and transfer activities.

Participants future Plans:

At the end of the training workshop, participants were requested to prepare a plan for what they would be doing as regarding the training and the learning they received. The following are the plans of the various groups.

1/ North Darfur State:

Names of the participants: Dr. Ibraheim Abdel Rahman Ibraheim, Ismail Abdella Ibraheem and Osman Adam Balila.

- Coinciding with the annual meetings of the organized by the Union of the Agricultural Engineers, arrange for an introductory session on PROLINNOVA and PID.
- Make presentations over the local media on PROLINNOVA Program for the purpose of drawing the attention of the local innovators and get them on board.
- Collect, validate and categories local innovations and subject them for further assessment and dissemination in the future.
- Incorporate relevant local organizations like farmers' Union, pastoralists Union and the artisans.

2/ El Shamalia State:

Names of the participants: Dr. Abubaker Ibraheim El Hori, Osman Mohamed Yassin Salih and El Rasheed Abdella Fageer.

- identify and document innovations in agriculture and natural resource management.
- Organize a seminar to introduce PROLINNOVA and PID to the concerned and interested organizations and individuals.
- Organize an exhibition and in light the visitors on local innovations in agriculture and the need for participatory development of the innovations.
- Work hardly to encourage participatory innovation development and ensure the engagement of the farmers, extensionists, researchers, universities and all concerned from within the state or out side the state.
- Plan for innovation exchange with other states.

3/ North Kordofan (Gebra, Sodari, Shaikan and El Obied Localities):

Names of participants: *Hajir Mohamed Ahmed, Ghazafi Mohamed Ahmed, Hibba Abeldaiem El Sayed, Intisar Abedl Mahmoud Osman, Fatima Mustafa Mohamed, Amal Abdeen, Limiya Siddig Jumaa, Maimona Ali El Nadeef and Attika Amin Maroof.* They suuerised their activities in the below table:

S · N	Activities	Target	Date	Implementi ng agency
1	Introduction on PID	15 communities	Jan/June	Extensionists

2	Training on PID	15 communities	Feb/May	Extensionists
3	Collection, validation and dissemination of local innovations	Open	All year	Extensionists and local extensionist
4	Local innovation Promotion	Open	All year	Information office of the State Min. of Agric.
5	Awareness campaigns on local food for child nutrition	10 public meetings	Mar/May	School Nutrition and Farming Dept.

4/ North Kordofan / Westren Sector (El Nuhod, Abu Zabad, Gihbaish and Wad Banda Localities):

Names of the participants: Isam El Deen Ahmed Hassan, Yasir Abulgasim, Hala El Sayed and Ismail Mohamed Ismail.

- Awareness campaign on the importance of local innovations.
- Identification and collection of local innovations.
- Documentation of local innovations.
- Training innovators trained to develop their innovation in a participatory manner.
- Establish innovators committees.
- Monitoring and evaluation of the developed innovations.
- Establish communication channels through Practical Action for the exchange of innovations.

5/ Southren Kordofan State: (Abyai, El Salam, Kailak, Lagawa and Kadogli localities).

Name of participants:

- Invite agricultural departments, locality authorities, farmers union and the pastoralists union to an introductory workshop on PID.
- Training course for the extension groups.
- Visits to local extensionists and documentation of innovations.
- Promote local innovations through exhibitions, local television and radio services.
- Development of local innovations.

Workshop Evaluation:

A questionnaire was filled by all participants who produced the following results:

- All participants would recommend similar course to a selected group of candidates or colleagues.
- More than 50% of respondents indicated that the timing and time period was suitable.
- Sixty-four percent rated the training methods as excellent; others as good.
- Almost all people who enjoyed trainee accommodation would say that it was good and so were the services they received.
- Seventy-six percent indicated that the subject matter was excellent to them, 68% said the coverage was good and 32% said it was excellent.

- Seventy-six percent would say that the facilitators were excellent in terms of technical competence.
- Excellent interaction between trainees and facilitators was indicated by 60% of the respondents.
- Sixty percent of participants said that they had acquired new knowledge from the workshop.

Documentation:

The workshop events were documented in forms of CDs, recording tapes and photos.

Conclusion:

From the above results and given that it was the first PID training in the country, there is great potential to expand and replicate such an event in other parts of the country. Because of poor organizational capacity of most national GOs to carry out similar trainings for their staff, there is a need for campaigning, lobbying and advocacy (CAL) processes among these organizations.

Annex (1): Name of the participants to the 1st PID training workshop in El Obied 18-23/12/2006

S. N	Name	Agency	Tel. Number
1	<i>Dr. Ibraheim Abdel Rahman Ibraheim</i>	<i>El Fashir University Faculty of Environmental Sciences and Natural Resources</i>	<i>0914124130</i>
2	<i>Ismail Abdella Ibraheim</i>	<i>El Fashir Agric. Research Station.</i>	<i>0918319934</i>
3	<i>Osman Adam Balila,</i>	<i>State Ministry of Agric. North Darfur TTEA.</i>	<i>0122012652</i>
4	<i>Dr. Abubaker Ibraheim El Huori</i>	<i>Dongola University Faculty of Agric. Department of Agric. Economics.</i>	<i>0912805484</i>
5	<i>Osman Mohamed Yassin Salih,</i>	<i>Ministry of Agric. El Shamalia State, TTEA.</i>	<i>0912663135</i>
6	<i>El Rasheed Abdella Fageer,</i>	<i>Dongola Research Station.</i>	<i>0912614319</i>
7	<i>Eihab Saeed Abdella</i>	<i>Ministry of Agric. Kassala State, TTEA.</i>	<i>0122043830</i>
8	<i>Malik Bilal Azoz,.</i>	<i>Extensionist WSRMP, El Foula, South Korfofan Sate</i>	<i>0918369275</i>
9	<i>Hala El Sayed Mohamed Musa</i>	<i>Extensionist WSRMP, Lagawa, South Korfofan Sate</i>	<i>0913308603</i>
10	<i>Yassir Abulghasim Hamdan</i>	<i>Extensionist WSRMP, El Salam Locality, North Korfofan Sate</i>	<i>0915019466</i>
11	<i>Ismail Mohamed Ismail</i>	<i>Extensionist, WSRMP, Kailak Locality</i>	<i>0912243474</i>
12	<i>Salah Bakor Ali Hassan</i>	<i>El Obeid Agricultural Research Station.</i>	<i>0912225328</i>
13	<i>Isam El Deen Ahmed Hassan</i>	<i>Extensionist WSRMP, Southern Kordofan.</i>	<i>0915299793</i>
14	<i>Maimona Ali El Nadeef</i>	<i>Kordofan, Department of Forestry</i>	<i>0915598795</i>
15	<i>Intisar Abedl Mahmoud Osman</i>	<i>Extensionist, Shaikan locality.</i>	<i>0912190916</i>
16	<i>Ghazafi Mohamed Ahmed</i>	<i>Extensionist, WSRMP, Jabrat El Sheikh Locality</i>	<i>0122431344</i>
17	<i>Hajir Mohamed Ahmed</i>	<i>Extensionist, WSRMP, Sodari Locality</i>	<i>0122413506</i>
18	<i>Muna Gassim Abdella</i>	<i>Extensionist, El Nihoud Locality.</i>	<i>0122538711</i>
19	<i>Adam Hohamed Babikir</i>	<i>Extensionist, WSRMP, Abu Zabad Locality</i>	<i>012260989</i>
20	<i>Taha Hamid Mohamed</i>	<i>Extensionist, WSRMP, Wad Banda Locality.</i>	<i>0914354320</i>
21	<i>Assim El Amin.</i>	<i>Extensionist, WSRMP, Gibaish Locality</i>	<i>0121007506</i>
22	<i>Hibba Abeldaiem El Sayed</i>	<i>TTEA, El Obied</i>	<i>0912878200</i>
23	<i>Salih El Ajab El sheikh</i>	<i>El Obeid Agric. Research Station.</i>	<i>0918091943</i>
24	<i>Amal Abdeen</i>	<i>Department of Natural Resources, El Obied</i>	<i>0122291910</i>
25	<i>Fatima Mustafa Mohamed</i>	<i>Department of Natural Resources, El Obied</i>	<i>0915160082</i>
26	<i>Limiya Siddig Jumaa</i>	<i>Department of Natural Resources, El Obied</i>	<i>0915069138</i>
27	<i>Nazik El Sadig El Rayah</i>	<i>Farmers Union, North Kordofan</i>	<i>0912440302</i>

28	<i>Ishtiyag Mahmoud Hassan</i>	<i>TTEA, El Obied</i>	<i>0912281046</i>
29	<i>Attika Amin Maroof</i>	<i>TTEA, El Obied</i>	<i>0912418551</i>