



Perez-Guerrero Trust Fund for Economic and Technical Cooperation Among Developing countries, Members of the Group of 77
Government of People's Republic of China

On-line Net-based Training on Bamboo Technology

Final Report



China National Bamboo Research Center

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Technical Cooperation among Developing countries,
Members of the Group of 77
Government of People's Republic of China**

On-line Net-based Training on Bamboo Technology

Final Report

Submitted by

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Project Final Report

Introduction

The project “On-line Net-based Training on Bamboo Technology”, submitted by China National Bamboo Research Center (CBRC) and endorsed by Perez-Guerrero Trust Fund for Economic and Technical Cooperation Among Developing countries, Members of the Group of 77, includes three major elements:

T01 To compile training “e-book ”

T01.1 To collect all materials from China and other developing countries, compile and translate into English and French.

T01.2 To edit into a colorful and vivid “e-book ” with digital means

T02 To set up a Bamboo Technology Training E-Center

T02.1 To set up an internet training course website containing all “e-books”

T02.2 To form a teaching team

T02.3 To set up Regional Liaison Offices (RLOs)

T02.3.1 Rwanda, RLO for Eastern Africa;

T02.3.2 Argentina, RLO for South America;

T02.3.3 India, RLO for South Asia;

T02.3.4 Mexico, RLO for North America;

T02.3.5 Uganda, RLO for Central Africa.

T02.4 To conduct trainings for teachers and RLOs

T02.5 On-line teaching

T03 To strengthen TCDC /ECDC bamboo cooperation

T03.1 To set up an TCDC/ECDC Bamboo Cooperation E-network under E-Center

T03.2 Trainees will use learned technologies to promote their bamboo development

Through the smooth organization and implementation of different bamboo (technologies) training courses/seminars, we have already established a multi-functional platform for forestry (bamboo) cooperation and information exchange between China and the developing countries. In the context of global climate changes, energy crisis, etc., with the awareness improvement and joint efforts of all the developing countries, this area will benefit more and more people.

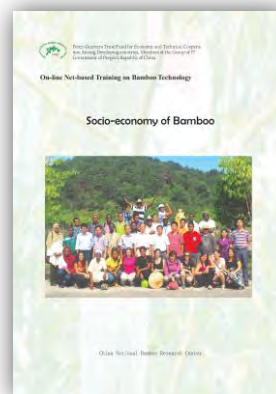
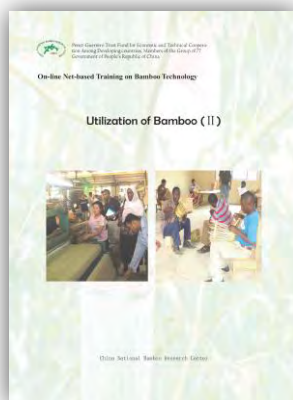
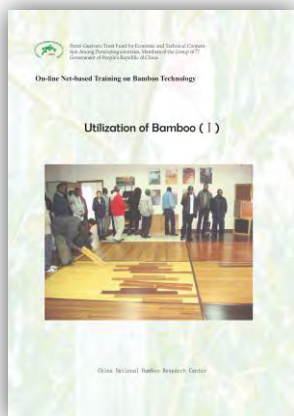
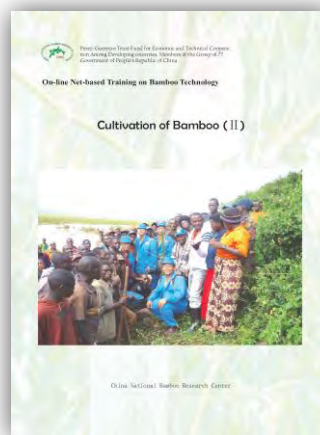
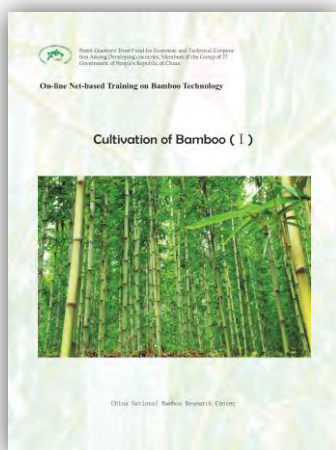
The outputs generated by this project are described as below.

T01 To compile training “e-book ”

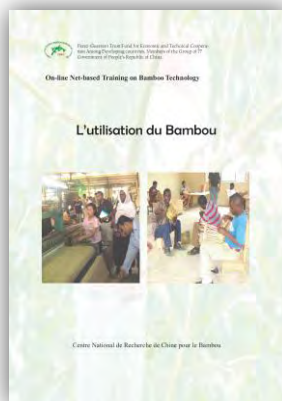
T01.1 To collect all material from China and other developing countries, compile and translate into English and French.

T01.2 To edit into a colorful and vivid “e-book ” with digital means.

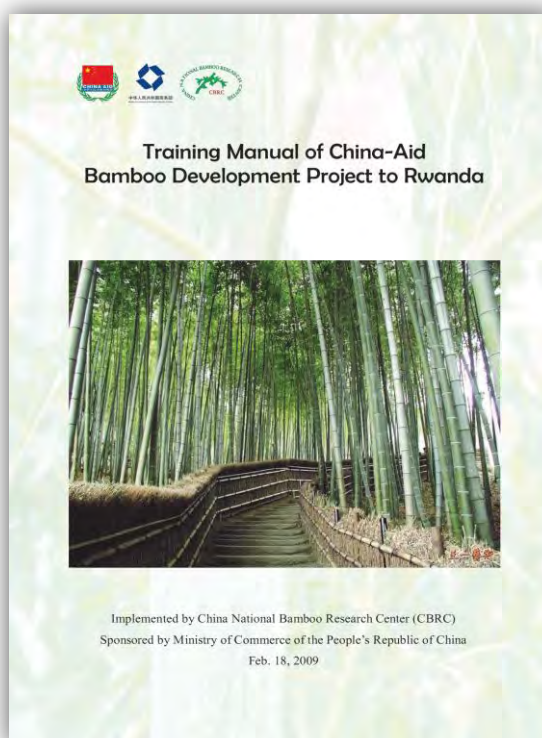
We have collected rich and versatile material from China and other developing countries, especially the ones the trainees for bamboo technologies training are from. Through years' of accumulation, careful sorting, classification and compilation by the experts of bamboo industry, a complete and comprehensive theoretical system of bamboo industry have been established. Encouraged and inspired by “On-line Net-based Training on Bamboo Technology” project funded by Perez-Guerrero Trust Fund, 5 textbooks for bamboo technology training titled “Cultivation of Bamboo” (Book 1,2), “Utilization of Bamboo” (Book 1,2), Soci-economy of Bamboo have been compiled and successfully translated into English and French with the aid of bamboo experts and English-speaking and French-speaking participants with profound bamboo/forestry background. Also, “Training Manuel of Bamboo Project Aided by China's Government to Rwanda” for China-aid Bamboo Development Project to Rwanda is a very practical training manual specially edited based on the above five books and exclusively designed for the China-aid Bamboo Development Project to Rwanda.



Training Texts in English



Training Texts in French



Training Manual of China-Aid Bamboo Project to Rwanda

This series of books are exclusively designed for bamboo technology training, and will be continuously updated as the accumulation of bamboo technology training experience, improvement of bamboo and forestry sciences and technology in and out of China, advancement of bamboo industry, development of the society and economy, reinforcement of communication and cooperation with the developing countries. These books will not be improved not only in the content, classification but also in design and translation. To better disseminate the bamboo technology knowledge to as many people as possible in a convenient way and to update the bamboo technology information immediately, the books have already been edited into e-books with the advanced modern net technology, now and in the near future, they are playing and will play a very important role during and after the bamboo technology training.

The following is the brief introduction about the books mentioned above.

Up to now, “Cultivation of Bamboo” (Book 1, 2) includes a total of 232 pages

and 72,986 words, including the necessary and detailed description of the following aspects: General biological characters of bamboo, anatomic structure of vegetative organs, monopodial bamboo cultivation in China, sympodial bamboo cultivation, bamboo propagation, biodiversity of bamboo, ex-situ conservation of bamboo and construction of bamboo garden, sustainable management and utilization of sympodial bamboo in South China, plant tissue culture, pest and disease of bamboo and the control, implementation of ecosystem management in bamboo plantation to improve synthetical benefits(Book 1); the 20th century in retrospect for bamboo trade and prospects for the 21st century, the reality of production and utilization of bamboo forest in the world, production and utilization of bamboo forest in China, studies on growth of bamboo shoot-culms, on bamboo flower, the structure of culm structure of culm form of *Phyllostachys pubescens*, propagation and afforestation of bamboo, a study on the classification of bamboo stands, and on the cultivation of ornamental bamboo forest (Book 2). Especially in book 1, with the illustration of pictures and diagrams, the professional bamboo knowledge has been successfully driven to the participants, which in return effectively arouses the participants' interest in bamboo and the training effects have been fully guaranteed.

–Utilization of Bamboo” (Book 1, 2) includes a total of 218 pages and 51,175 words, containing: Structure and properties of bamboo timber, processes and equipments for bamboo daily products, status and prospect of small and daily bamboo products, recent situation of bamboo curtain production, market and prospects in China, China bamboo mat, bamboo flooring, bamboo floor, bamboo concrete form, bamboo-based panels, process and properties of bamboo charcoal, the application of bamboo charcoal, bamboo active charcoal and bamboo vinegar liquor in production, processing and utilization of bamboo vinegar, bamboo shoot's utilization and industry in China, research and development of extract of bamboo leaves (EBL)(Book i);Bamboo weaving tools, processing procedures of bamboo strips, fundamental bamboo weaving methods, practical methods for bamboo woven products, some hand tools for bamboo products production, basic knowledge of bamboo furniture making, some bamboo furniture production, dyeing techniques for bamboo weaving

products and bamboo products, and bamboo preservation (Book 2). These two books fully demonstrate the present bamboo utilization in China with many practical technologies explained, which will be very useful to the participants.

–Socio-economy of bamboo” includes a total of 183 pages and 49,482 words, containing: Landscape ecology contributions to forestry and forest management in China: progresses and research needs, impacts of climate change on forests in China and adaptation strategies, review and prospect of China’s bamboo industry, China’s bamboo development and establishment of recycling economy, the 60-year development road of Three Rural Development in new China, systematic analysis on quick development of bamboo industry in Zhejiang province, bamboo and rattan products coding system and import & export data analysis. This book has comprehensively introduced the history of the contributions made by bamboo industry development to socio-economy and the related areas. Together with the lectures given by the officials of the local government and the field visit, this book has successfully served as a vivid example for the developing countries to follow or as reference.

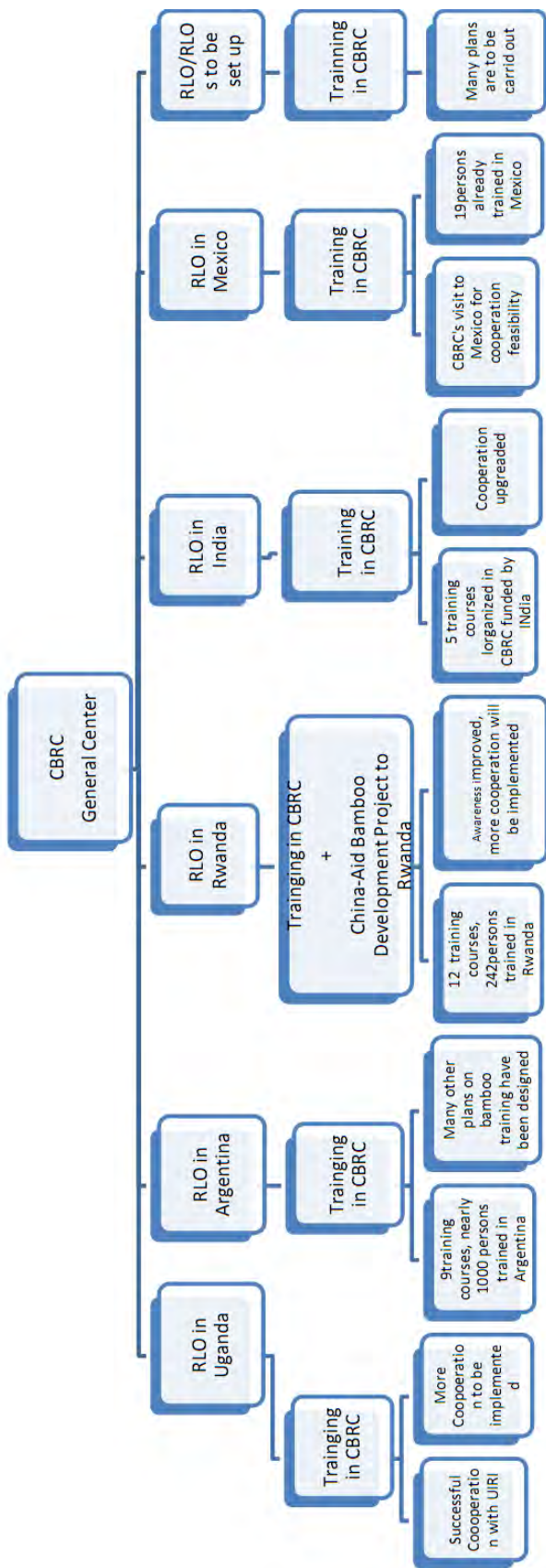
–Training Manuel of Bamboo Project Aided by China’s Government to Rwanda” is specially organized for China-aid Bamboo Development Project to Rwanda, including detailed explanation of bamboo weaving tools, processing procedures of bamboo strips, fundamental bamboo weaving methods, practical methods for bamboo woven products, processing of bamboo products, basic knowledge of bamboo furniture making, some bamboo furniture production, dyeing techniques for bamboo weaving products and bamboo products, bamboo preservation and propagation technologies for sympodial bamboo.

T02 To set up a Bamboo Technology Training E-Center

T02.1 To set up an internet training course website containing all “e-books”

Catalysed by the important opportunity of “On-line Net-based Training on Bamboo Technology” project funded by Perez-Guerrero Trust Fund, faced with the fast developing world, and spirited up by the belief of creating a better bamboo technology training benefiting more people, CBRC has already set up a bamboo technology training e-center with CBRC as the general center, the 5 RLOs as the branch centers, over 1000 trainees of the bamboo technology training sponsored by the Ministry of Commerce of China (MOFCOM) from nearly 100 countries as the volunteers and pioneers to spread the bamboo technology knowledge to their governments, local people. Now, about 20,000 people of the trainees’ countries have been the sub-trainees of bamboo technology training organized in CBRC and making their efforts to better their own living, improve their environment etc., enjoying the great benefits brought by the bamboo technology training directly or indirectly. The bamboo technology training e-center and the way it spreads the related information is just like what is shown in chart 1:

Chart 1. Bamboo Technology Training E-center



T02.2 To form a teaching team

Based on 20 years' accumulation of bamboo technology training organized in CBRC, taking the opportunity of implementing "On-line Net-based Training on Bamboo Technology" project funded by Perez-Guerrero Trust Fund, presently, CBRC has a growing professional teacher team (see Table 1) which now consists of many renowned bamboo academicians, professors, government officials and entrepreneurs both in China and even in the world. The topics cover from bamboo cultivation, processing and utilization, policies and administration to marketing etc. We have already formed a special data base of bamboo technology as the common resources to be shared and updated with the participation and devotation of the teachers and the trainees.

To deepen the teaching effects, discussion, courses, practice and other teaching methodologies have been regularly adopted to update the bamboo technology information for better- quality training.

Table 1. Teacher Team for "On-line Net-based Training on Bamboo Technology" project funded by Perez-Guerrero Trust Fund

No.	Name	Gender	Position/Title	Name of Institute
1	Wang Shudong	M	Professor	China National Bamboo Research Center(CBRC)
2	Wang Yukui	M	Prof. & Deputy Director in General	CBRC
3	Chen Yuhe	M	Prof. & Deputy Director in General	CBRC
4	Ding Xingcui	M	Prof.& Director of International Cooperation Division	CBRC
5	Zhong Zheke	M	Prof. & General Engineer	CBRC
6	Zhou Fangchun	M	Professor	CBRC
7	Chen Yan	M	Project Assistant	CBRC
8	Zheng Youmiao	F	Project Assistant	CBRC
9	Zhou Yan	F	Project Assistant	CBRC

No.	Name	Gender	Position/Title	Name of Institute
10	Cai Hanjiang	F	Project Assistant	CBRC
11	Qiu Fugen	M	Professor	CBRC
12	Tang Yongyu	M	Professor	CBRC
13	Shi Quantai	M	Professor	CBRC
14	Lu Wenru	M	Associate Professor	CBRC
15	Wu Liangru	M	Associate Prof.& Director of R. & D. Division	CBRC
16	Bai Ruihua	M	Associate Professor	CBRC
17	Wu Zaixing	M	Engineer	CBRC
18	Jin Aiwu	M	Professor	Zhejiang Agriculture and Forestry University(ZAFU)
19	Zhai Zhizhong	M	Professor	CBRC
20	Li Weicheng	M	Associate Professor	CBRC
21	Wang Anguo	M	Professor	Zhejaing Lin'an Forestry Bureau
22	You Kuangyin	M	President	Zhejiang Wood& Bamboo
23	Tang Songzheng	M	Professor	Information Institute of CAF
24	Zhang Qisheng	M	Academician	Zhejiang Agriculture and Forestry University
25	Yoshinaga Katsuhiko(Japan)	M	President	Japan's Fuji Bamboo Botanical Garden & World Bamboo Research Institute
26	Qu Guilin	M	Director General	International Cooperation Division of SFA
27	Liu Daoping	M	Director	Afforestation Department of SFA
28	Qian Nengzhi	M	Deputy Director General	Biomass Energy Office of SFA
29	Liu Shirong	M	Vice president	China Academy of Forestry (CAF)
30	Wu Hong	M	Deputy Director General	Forestry Department of Zhejiang Provincial Government
31	Xia Haiwei	M	Deputy Director General	Department of Commerce of Zhejiang Provincial Government
32	Lou Weihong	M	Deputy Director General	Science and Technology Department of Zhejiang Provincial Government
33	Lu Wenming	F	Director	International Cooperation Division of CAF

No.	Name	Gender	Position/Title	Name of Institute
34	Zhang Jianguo	M	Professor	Research Institute of Forestry, CAF
35	Zhu Zhaohua	M	Professor	International Network of Bamboo and Rattan
36	Xiao Jianghua	M	Professor	Sub-tropical Forestry Research Institute of CAF
37	Xu Tiansen	M	Professor	Sub-tropical Forestry Research Institute of CAF
38	Ma Naixun	M	Professor	Sub-tropical Forestry Research Institute of CAF
39	Xu Daping	M	President	Tropical Forestry Research Institute of CAF
40	Bai Jiayu	M	Professor	Tropical Forestry Research Institute of CAF
41	Zhang Liqin	M	Vice President	ZAFU
42	Ma Linfei	M	Professor	ZAFU
43	Yao Wenbin	M	Professor	ZAFU
44	Liu Zhikun	M	Professor	ZAFU
45	Zhao Renjie	M	Professor	Center South Forestry University
46	Chen Cunji	M	Professor	Fujian Agriculture University
47	Ding Yulong	M	Professor	Nanjing Forestry University
48	Zhang Chunxia	F	Professor	Nanjing Forestry University
49	Zhang Ying	F	Professor	Zhejiang University
50	Li Yanmei	F	Professor	Southwest Forestry University
51	Pan Xiaozheng	M	Professor	Jiangxi Agriculture University
52	Zhang Jianhua	M	Professor	Anhui Agriculture University
53	Wang Zhiguo	M	Professor	Hunan Forestry University
54	Dai Jihui	M	Professor	Guangxi Forestry University
55	Wang Kuihong	M	Prof. & Director General	Zhejiang Forestry Science and Technology Institute
56	Zhang Guangchu	F	Professor	Guangdong Forestry Science and Technology Institute
57	Zhang Wenyu	F	Professor	Fujian Forestry Science and Technology Institute
58	Jin Chuan	M	Director	Zhejiang Subtropical Crops Research Institute
59	Zheng Lifa	M	Director	Forestry Department of Zhejiang Provincial Government
60	Zhu Yunjie	M	Director	Forestry Department of Zhejiang Provincial Government

No.	Name	Gender	Position/Title	Name of Institute
61	Dong Guojun	M	Director	International Cooperation Division of Forestry Department of Zhejiang Provincial Government
62	Zhang Jian	M	Director	Science and Technology Department of Zhejiang Provincial Government
63	Chen Jianyin	M	Professor	Anji Forestry Bureau, Zhejiang Province
64	Lan Linfu	M	Director	Anji Forestry Bureau, Zhejiang Province
65	Chu Yougen	M	Director	Deqing Forestry Bureau, Zhejiang Province
66	Zhu Zhijian	M	Director	Deqing Forestry Bureau, Zhejiang Province
67	Xu Baizhong	M	Vice Director	Deqing Forestry Bureau, Zhejiang Province
68	Lin Yuyi	M	Vice Director	Lin'an Forestry Bureau, Zhejiang Province
69	Chi Wanyin	M	Vice Director	Rui'an Forestry Bureau, Zhejiang Province
70	Wang Weilong	M	Director	Suichang Forestry Bureau, Zhejiang Province
71	Cao Ji	M	Director	Zhuji Forestry Bureau, Zhejiang Province
72	Hu Fenghua	M	Director	Fengxing Forestry Bureau, Jiangxi Province
73	Lin Lina	F	Chief	Fujian Zhangzhou Forestry Bureau
74	Huang Jiaju	M	Director	Haikou Forestry Bureau, Hainan Province
75	Ren Tao	M	Director	Zhejiang Anji Bamboo Botanical Garden
76	Wang Ronghua	M	Vice Director	Zhejiang Taihuyuan Bamboo Nursery
77	Zou Yueguo	M	Professor	Huaan Bamboo Botanical Garden
78	Jin Xianyou	M	Vice Director	Yong'an Bamboo Botanical Garden
79	Zhang Huanjun	M	Director	Anji Linfeng Forestry Plantation
80	Feng Hui	M	Director	Deqing Moganshan Forestry Plantation

No.	Name	Gender	Position/Title	Name of Institute
81	Xia Yuyun	M	Director	Lin'an Hengban Forestry Plantation
82	Liang Ruirong	M	Director	Rui'an Forestry Plantation
83	Lang Miaojin	M	President	Zhejiang Moganshan Bamboo Plywood Company
84	Pan Sulian	F	President	Zhejiang Lin'an Bamboo Shoot Processing Factory
85	Xu Shuimiao	M	President	Zhejiang Qingfeng Bamboo Processing Company
86	Zhao Ziqun	F	President	Zhejiang Nanfang Bamboo and Wood Company
87	Chen Wenzhao	M	President	Zhejiang Shuichang Wenzhao Bamboo Charcoal Company
88	Wang Huilin	M	President	Zhejiang Anji Bamboo Curtain Processing Company
89	Liu Zhanming	M	President	Zhejiang Tianfu Bamboo Machinery Factory
90	Yu Yunli	M	President	Zhejiang Fenglilai Bamboo & Wood Processing Factory
91	Huang Daizhong	M	President	Zhejiang Shengzhou Bamboo Weaving Company
92	Ren Jumiao	M	President	Shaoxing Huaying Bamboo & Wood Processing Company

T02.3 To set up RLOs

Presently, there are five RLOs distributed in Africa, Asia, America, who are now making their efforts for the development of bamboo industry in their countries and the world. It is also a contribution to the improvement of people's living in the bamboo growing areas, environmental protection etc. The detailed information of the RLOs in the world are as follows.

T02.3.1 Rwanda, RLO for Eastern Africa

Regional Liaison Offices(RLOs): Rwanda National Forestry Authority.

Person for contact: Frédéric MUNYANSANGA

Tel/fax: +250788479656

Email: fmunyansa@yahoo.fr

T02.3.2 Argentina, RLO for South America

Regional Liaison Offices(RLOs): Eldorado Bambu SRL.

Person for contact: Maria Emilia Caro, Dirección General

Tel: (+54) 11 4823-5481

Cel: (+54 9) 11 6052-4449

Email: mecaro@eldoradobambu.com.ar

Web: www.eldoradobambu.com.ar

T02.3.3 India, RLO for South Asia

Regional Liaison Offices(RLOs): Cane and Bamboo Technology Center,
National Mission on Bamboo Applications

Person for contact: Kamesh Salam, Director and Nipan Deka, General
Manager

Address: Cane and Bamboo Technology Centre, Narikalbasti, Mother Teresa
Road, Guwahati- 781024

Tel: +913612410242/886

Fax: +913612410259

Email: bamboo@bambootech.org

Web: www.caneandbamboo.org

T02.3.4 Mexico, RLO for North America

Regional Liaison Offices(RLOs): Bamboo and Forestry of Mexico (BFM), a
Non-Government Organization (NGO), as Representative of Mexican
Bamboo Society

Person for contact: Mr. Sergio Hernández Martínez, President

Tel: Río Tecolutla 1103-B, Col. Carolino Anaya, 9 8 Xalapa, Veracruz, Mexico

Cel: + 52 228-318-3362/ +521 667 201 5448

Email: jopadilla@hotmail.com

T02.3.5 Uganda, RLO for Central Africa

Regional Liaison Offices(RLOs): Uganda Industrial Research Institute (UIRI)

Person for contact: Dr. CHARLES GUY KWESIGA, Executive director

Address: P.O. Box 33875, Kampala, Plot 2, Huse 15 Lancaster Road, Uganda

Tel: +256 41 286124/245

Fax: +25641-286695

Email: kwesiga@msn.com

Website: www.uiri.org

T02.4 To conduct trainings for teachers and RLOs

T02.4.1 Training for CBRC teachers

We have invited famous professors, senior officials, successful entrepreneurs and experienced technicians to give the 92 teachers as shown in table 1 training for different subjects as bamboo plantation, propagation, processing and bamboo teaching methodologies, each has a duration of 2 weeks. Obviously, the training for the teachers will well enhance the training quality organized by CBRC.

T02.4.2 Training for RLOs

The five persons for contact in the five RLOs mentioned in T02.3 have been invited to attend the training (see Table 2) exclusively arranged for the CBRC teachers and contact persons in RLOs to better obtain knowledge of bamboo plantation, propagation, processing, bamboo forest management and the teaching methodologies of bamboo training. They have benefited a lot from this training and are determined to make more improvement in their own work for bamboo industry development in their countries.

Table 2. Training Program on How to Conduct E-teaching for CBRC Teachers and focal points for the RLOs (26.Oct.-8 Nov., 2011)

Date	Time	Activities
Oct.26,Mon.	8:30-10:00	Opening Ceremony, Group photo
	10:00-12:00	Review on China's Bamboo Industry
	12:00-13:00	Banquet
	13:00-15:00	Prospect of China's Bamboo Industry
	15:00-15:15	Break
	15:15-17:00	Recycling Economy of China's Bamboo Industry

Oct.27,Tue.	8:30-10:15	China's Forest Ecological System Development and the Countermeasure Against the Global Climate Changes
	10:15-10:30	Break
	10:30-12:00	A Huge Potential Role of Bamboo on the Global Climate Changes
	13:00-15:00	40 Years' Successful Experience of the Bamboo Industry Development in Zhejiang Province
	15:00-15:15	Break
	15:15-17:00	Booming Development Experience of Forestry, Eco-tourism, Forest Food and Flower in Zhejiang
	Evening	Visiting the West Lake
Oct.28,Wed.	8:30-10:15	Fast Forestry Development in Zhejiang Backed up by Policies
	10:15-10:30	Break
	10:30-12:00	Fast Forestry Development in Zhejiang Backed up by Technology, Finance
	13:00-15:00	How Government Promotes Bamboo Industry's Development in China----From Small Cottage Industry to Big Modern One
	15:00-15:15	Break
	15:15-17:00	Lessons Got from 40 Years Bamboo Development in China and Advices
Oct.29,Thu.	8:30-10:15	Positive Impacts of China's Economic & Political Reform on Rural Economic Development
	10:15-10:30	Break
	10:30-12:00	Challenges and Way Out ---- the New Rural Development in China
	13:00-15:00	Bamboo Processing and Integrated Utilization Technologies for Its High Value-added Products (Bamboo Floor, Veneer, Curtain, Carpet, etc.)
	15:00-15:15	Break
	15:15-17:00	Bamboo Processing and Integrated Utilization Technologies for Its High Value-added Products (Bamboo Fiber/Fabrics , Charcoal, Medicine, Healthcare Products)
Oct.30,Fri.	8:30-10:15	Global Bamboo Economy Development and Future.
	10:15-10:30	Break
	10:30-12:00	China's Successful Models of Bamboo Development and Its Recommendations for Other Developing Countries

	13:00-15:00	Diversity of China's Non-timber Forestry Products
	15:00-15:15	Break
	15:15-17:00	Bamboo Industrial Chain: Production—Processing—Marketing
Oct.31,Sat.	08:30-09:30	Bamboo Biology
	09:45-11:30	Break
	12:00-14:00	Bamboo Ecology
	14:30-17:30	High-yield , Directional & Commercial Cultivation Technique for Sympodial Bamboo Plantation
Nov.1, Sun.	09:00-11:30	Break
	14:00-17:00	Integrated Utilization Technique for Sympodial Bamboo
	17:00-19:00	Bamboo Charcoal As A Prospective Alternative of Cooking Fuel
Nov.2,Mon.	8:30-10:15	Break
	10:15-10:30	High-Valued Bamboo Charcoal Derivatives for People Daily Life and Industry Use.
	10:30-12:00	Bamboo Biological Diversity and Protection
	13:00-15:00	Break
	15:00-15:15	Bamboo Propagation Technologies and Nursery Management
	15:15-17:00	High-yield, Directional & Commercial Cultivation Technique for Monopodial Bamboo
Nov.3,Tue.	8:30-10:15	Break
	10:15-10:30	Ecological Cultivation Technique for Monopodial Bamboo
	10:30-12:00	Bamboo Bio-technology
	13:00-15:00	Break
	15:00-15:15	Bamboo Tissue Culture Technique and Breeding
	15:15-17:00	Bamboo Small-Medium Enterprise: Bamboo Chopsticks, Toothpicks, Skewer.etc.
Nov.4,Wed.	8:30-10:15	Break
	10:15-10:30	Bamboo Small-Medium Enterprise: Bamboo Furniture, Weaving, and Other Daily-used Bamboo Products.
	10:30-12:00	Update of China Forestry Economy
	13:00-15:00	Break
	15:00-15:15	How Economy and Market of China Bamboo Industry Grow Up

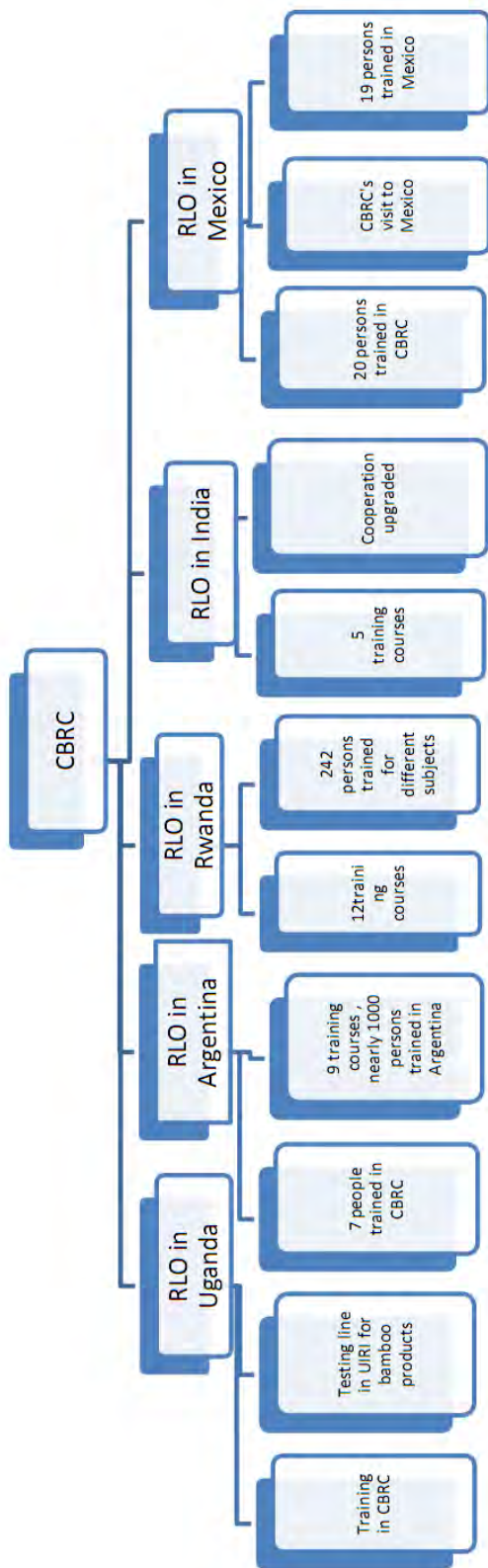
	15:15-17:00	How to Work Out Plan & Strategy of Bamboo Development: From Central Government to the Grassroots
Nov.5, Thu.	8:30-10:15	Break
	10:15-10:30	How to Work Out Plan & Strategy of Bamboo Development: From Central Government to the Grassroots
	10:30-12:00	Bamboo Shoot As a Potential Alternative of Food and Way Against Food Crisis: Potential and Prospective
	13:00-15:00	Break
	15:00-15:15	Technologies of Bamboo Shoot Processing
	15:15-17:00	Party
Nov.6, Fri.	8:30-10:15	Sightseeing in Shanghai—Largest Commercial City in China
	10:15-10:30	Back to Hangzhou
	10:30-12:00	The International Market and Exp. & Imp. of Bamboo Products
	13:00-15:00	Sightseeing in Hangzhou---"Oriental -Geneva"
	15:00-15:15	Visiting Anji as China's First Bamboo Town: Bamboo High-yield Cultivation Demonstration Base, Bamboo Floor Factories, Reinforced Bamboo Floor Factory, Bamboo Plywood Factory
	15:15-17:00	Visiting Anji Bamboo Machinery Factory, Handicraft Factory, Bamboo Charcoal Factory, Bamboo Beer Factory, Bamboo Medicine & Health-care Factory, China National Bamboo Museum, Bamboo Botanical Garden
	Evening	Visiting Bamboo Furniture Factory, Bamboo Handicraft Factory, Bamboo Building Modules Panel Factory, Bamboo Mats/ Carpet Factories, Bamboo Fiber & Its Fabrics Factories, China International Bamboo Market.
Nov.7, Sat.	Whole day	Visiting in Deqing County for Hi-tech. High-yield Cultivation Base of Bamboo Shoot And Shoot Harvesting Practicing, Visiting Bamboo Fan Factory, High-valued Bamboo Handicrafts Factory, Wood Industrialization Processing Factory, and Bamboo Timber Whole-sale Market.
Nov.8, Sun.	Whole day	Participants' Departure

T02.5 On-line teaching

By the focal points in the above five RLOs and the trainees trained in the training courses organized by CBRC, bamboo knowledge in plantation, propagation, processing, bamboo forest management etc. has been effectively and efficiently disseminated by the on-line teaching in each country through different training courses organized by the RLOs. And this on-line teaching has made it possible, especially for a large number of people in bamboo growing areas well master the basic and practical knowledge and skills to plant and use bamboo, so as to make full use of bamboo resources to improve their life and protect the environment, resolving the soci-economic and ecological problems. The detailed information of the training courses, cooperation and the participants of different training courses organized by CBRC and RLOs in their countries are shown in Table 3, and T02.5.2.

T02.5 .1 On-line teaching

Chart 2. On-line teaching mode



T02.5.2 Detailed information about on-line teaching organized by CBRC and RLOs in the 5 countries.

➤ **Rwanda**

● **Background**

According to the exchange of letters signed on Aug. the 3rd , 2007, between the Chinese and Rwandan governments, the Chinese government approved “China-aid Bamboo Development Project to Rwanda”. From Feb., 2009 to Feb., 2011, China National Bamboo Research Center is authorized by the Ministry of Commerce of China (MOFCOM) to implement the project and establishes China Aid Bamboo Project Office in Rwanda to operate it. Meanwhile with the resources available like the updated bamboo technology information and effective and advanced teaching methodologies etc. in “On-line Net-based Training on Bamboo Technology” project funded by Perez-Guerrero Trust Fund, till now, China-aid Bamboo Development Project to Rwanda has not only made many breakthroughs in Rwanda’s bamboo industry and forestry, but also has caused wide attention from the government to the ordinary people, who are now having great confidence in improving their life and bettering the environment by developing bamboo industry.

● **Project Achievements**

Apart from making bamboo baskets, chairs, beds, sofas and toothpick requested in the targets, the trainees have also learned to make 50 other bamboo products ranged from high quality for export to low quality but useful for livelihood, like bamboo dustpans, tea tables, bookshelf, fans, vases, hats, which can well meet the demands of the local people. The trainees can have a good use of the China-made bamboo splitter and scrapers to replace the unwieldy sickles to split and weave bamboo etc. which has greatly increased the productivity and product quality, and can be spread widely in the rural areas. The trainees can use the semi-mechanized toothpick equipments to produce the high-quality toothpick which demonstrates bamboo utilization of some industrialized and mechanized level. The bamboo preservation techniques are well learned. The trainees can use the complicated bamboo

painting techniques to greatly improve the beauty, added value and exporting competence of the products, over 10 of which like baskets, tables and chairs, sofas, vases, toothpicks etc. have a strong market export capacity to the neighboring countries of Rwanda.

Within less than two years, abundant achievements have been accomplished, including: a) Good solutions to some key technologies for local bamboo species' propagation, which lays a good foundation for future large-scale plantation's establishment; b) helped Rwanda government make out a national bamboo development plan, which is to establish 1000 ha of bamboo plantation nationwide; c) set up a demonstration base for bamboo cultivation and bamboo mechanized processing; d) conducted 12 bamboo technology training courses and, through which trained over 240 Rwanda participants have been imparted on bamboo cultivation, processing technologies and bamboo administration; e) produced nearly a hundred various bamboo products based on local economy condition and market requirements, and over 10 of those have been exported to the neighboring countries of Rwanda; f) increased government and public awareness on bamboo development through various promotion activities and public medias ;g) initially formed a bamboo industry chain streamlined with cultivation, processing and utilization and marketing.

- **Training courses and the trainees**

12 training courses are totally organized, 242 trainees are well trained on cultivation and on processing which have surpassed the plan. The actual training duration and trainee number are adjusted based on the actual conditions of Rwanda to better fit Rwanda.

The following are the pictures and part of the list of trainees in China-aid Bamboo Development Project to Rwanda .



Picture 1. Opening Ceremony of Training on Bamboo Propagation for Musanze district in North province in Rwanda.



Picture 2. Counsellor Wang Qin and Minister of Natural Resources of Rwanda attended the closing ceremony of bamboo weaving training course.



Picture 3. Minister of Natural Resources and expert of China-aid Bamboo Project to Rwanda are planting bamboo.



Picture 4. Experts of China-aid Bamboo Project to Rwanda are training the staff of KITABI tea factory.

Table 3. Participant List on Bamboo Technology Trained by Chinese Experts in Rwanda (Partly)

No.	Name	Company / Organization	Position	Remarks
1	Munyagisenyi Edward	KIAKA Bamboo Furniture Company	Technician	2years' experience in bamboo furniture making
2	Ndagisimana Samson	KIAKA Bamboo Furniture Company	Technician	3years' experience in bamboo furniture making
3	Neabandora Wensisras	KIAKA Bamboo Furniture Company	Technician	12years' experience in bamboo furniture making
4	Musabyimana Picrne Ceastin	KIAKA Bamboo Furniture Company	Technician	19years' experience in bamboo handcrafts making
5	Hakizimana Amtoime	KIAKA Bamboo Furniture Company	Technician	18years' experience in bamboo furniture making
6	Abel Kwihangana	Rwanda Wood Furniture Company	Technician	7years' experience' in wood furniture making
7	Gerasi Ukwizabigira	Rwanda Wood Furniture Company	Technician	25years' experience in wood furniture making
8	Mwekesv Andie	Kabuye Rice Company	Vice Chairman	2years' experience in wood furniture making
9	Habvmvgishg Innocent	Kabuye Rice Company	Chairman	3years' experience in wood furniture making
10	Havugiyaremye Metusela	Rwanda Bamboo Society	Technician	7years' experience in bamboo handcrafts making
11	Rugipamangi Uincet	Rwanda Bamboo Society	Technician	6years' experience in bamboo furniture making
12	Rugialagamu o Jisel	Rwanda Bamboo Society	Technician	6years' experience in bamboo handcrafts making
13	Ncaboslonca Awtoime	Rwanda Ecology Organization	Engineer	3years' experience in bamboo planting
14	Kampire Rose Mary	Rwanda Bamboo Society	Technician	5years' experience in bamboo handcrafts making
15	Rutihunza Gaspard	Rwanda Ecology Organization	Technician	8years' experience in bamboo furniture making
16	Bazase Jacqueline	KIAKA Bamboo Furniture Company	Technician	2years' experience in bamboo furniture making
17	Ruzigmanzi Vincent	KIAKA Bamboo Furniture Company	Technician	3years' experience in bamboo furniture making

18	Dushimirimana Rene	KIACA Bamboo Furniture Company	Technician	12years' experience in bamboo furniture making
19	HavugimanaJean Nepo	KIACA Bamboo Furniture Company	Technician	19years' experience in bamboo handcrafts making
20	Habumugisha Innocent	KIACA Bamboo Furniture Company	Technician	18years' experience in bamboo furniture making
21	Bareberaho Felicien	Rwanda Wood Furniture Company	Technician	7years' experience' in wood furniture making
22	Mudaheranwa Edouard	Rwanda Wood Furniture Company	Technician	25years' experience in wood furniture making
23	Ahorukomeye Jean Claude	Kabuye Rice Company	Vice Chairman	2years' experience in wood furniture making
24	Mukashyaka Concessa	Kabuye Rice Company	Chairman	3years' experience in wood furniture making
25	Mukantabana Ann Marie	Rwanda Bamboo Society	Technician	7years' experience in bamboo handcrafts making
26	Niyindengera Theodette	Rwanda Bamboo Society	Technician	6years' experience in bamboo furniture making
27	Icyimpaye Marcelline	Rwanda Bamboo Society	Technician	6years' experience in bamboo handcrafts making
28	Rufuku Emmanuel	Rwanda Ecology Organization	Engineer	3years' experience in bamboo planting
29	Mukagatare Placidie	Rwanda Bamboo Society	Technician	5years' experience in bamboo handcrafts making
30	Dusabe Vedaste	Rwanda Ecology Organization	Technician	8years' experience in bamboo furniture making
31	Mukabizumungu Athanasie	Rwanda Bamboo Society	Technician	8years' experience in bamboo furniture making
32	Habirana Cyrien	Rwanda Bamboo Society	Technician	1year experience in bamboo planting
33	Niyobuhungri o Innocent	Rwanda Bamboo Society	Vice Chairman	1year experience in bamboo planting
34	Sebanani Pheneas	Rwanda Bamboo Society	Chairman	1yearexperience in bamboo planting
35	Rukarugwiza Venansiya	Rwanda Bamboo Society	Technician	2year's experience in bamboo planting
36	Byilingiro Bernard	Rwanda Bamboo Society	Technician	1year's experience in bamboo planting
37	Ntakiyirana	Rwanda	Technician	1year's experience in

	J.D	Bamboo Society		bamboo planting
38	Ngaboyisonga Antoine	Rwanda Ecology Organization	Engineer	3years' experience in bamboo planting
39	Uwingabire Rukabieirongu	Rwanda Bamboo Society	Technician	1year's experience in bamboo planting
40	Ngirabakunzi Thadee	Rwanda Ecology Organization	Technician	2years' experience in bamboo planting
41	Ruzibiza Emmanuel	Rwanda Ecology Organization	Technician	2years' experience in bamboo planting

➤ **Argentina**

Under the joint efforts of CBRC and Argentina side, our Argentina RLO has made outstanding achievements during the past 2 years. Following are their main achievements:

7 participants from various backgrounds were invited to CBRC for training on bamboo technologies and are responsible for our Argentina RLO and disseminating bamboo technologies back in Argentina;

9 training courses were conducted by our Argentina RLO, and around 1000 participants attended these training courses in total. Bamboo technologies in propagation, utilization and processing as well as bamboo shoot preservation etc. have been well disseminated in Argentina, especially in bamboo growing and planting areas. And the values of bamboo to the society, environment protection, even to climate adjustment have been greatly explored and used. What's worth mentioning is that it provides the local government opportunity to make favorable policies based on the consideration of the above mentioned factors.

- **Training in China**

Table 4. People trained in China for Bamboo Technologies

No.	Name	Position/Title	Name of Institute
1	Maria Emilia Caro	Business Manager	Eldorado Bambu S.R.L., Argentina
2	Carolina Ines Guerreiro	PhD Student	Instituto de Botanica Darwinion
3	Maria Alicia Bagattini	Technical Director	Eldorado Bambu SRL
4	Gasana George	Assistant of technician	Department of Forestry Production Ministry of Agriculture, Livestock and Fisheries
5	Rodriguez Serrano Francisco	Director Provincial	Oficina para el Desarrollo del Delta e Islas Bonaerenses Secretaria Genral
6	Pena Tomas Maria	Assistant of General Director	Oficina para el Desarrollo del Delta e Islas Bonaerenses Secretaria Genral
7	Ana Maria Castro Thomae	Chief manager	Eldorado bamboo working with INTA(institute national technology of agriculture)

- **Training in Argentina**

During 2010-2011, as the most active participants from Argentina, Maria Emilia Caro and Ana Maria Castro successfully organized many training courses on different topics, in 2011, they dictated 9 training courses and gave 5 specialized classes for different universities. There has been over 500 rural farmers trained, and more than 300 professionals. They are confident to make such kind of bamboo training more interesting and more practical.



Picture 5. The participants are listening to the training attentively.

Maria Emilia Caro and Ana Maria Castro organized various bamboo technology training according to the backgrounds of the trainees: farmers, designers and architects , producers, entrepreneurs and postgraduate architects in the university etc. And the training content covers a large range: from basic theoretical-practical bamboo knowledge introduction, functions of the bamboo, like for designing, construction, environmental protection, bamboo shoot processing and preservation to the profound marketing and bamboo status fixation in the near future in Argentina. And the supporters vary from the local residents, farmers, students to the officials working in the organizations and government. Very satisfactory effects in bamboo technology dissemination and positive social impacts of changing people's attitude towards bamboo have already been achieved.

The following are the information and trainees list about the bamboo technology training in 2011.

13th and 14th of Sep., 2011

Sustainable Management of Natural Bamboo Forests

The participants were trained in the "management and sustainable harvesting of bamboo" with a theoretical-practical training. 70 farmers from the Delta Region of the province of Buenos Aires participated in this course. The Government of the province of Buenos Aires sponsored the training course.

The farmers were trained in:

1. Identification of species, ages and states of maturity.
2. How to recognize different bamboo species in the Delta Region (Runner and clumping bamboo),
3. Age and maturity of the culms
4. Identification of the initial state of the bamboo forest and management plan: check the status, health and quality of bamboo forest for planning tasks.
5. Harvest: technical and fundamental aspects. Cutting time and quantity to be extracted per hectare to achieve sustainable management of bamboo forest.
6. High yield bamboo production.

20th of Oct., 2011

Parallel event on World Forestry Congress: Bamboo in Delta Region

Maria Emilia Caro was the speaker for the Government of the Province of Buenos Aires, in the World Forestry Congress held in Argentina. During this event, there was a complete dedication to work in bamboo opportunity for the region and the country.

13th of Nov., 2011

Bamboo Shoot in Martin Garcia Island

Maria Emilia Caro, and Ana Maria Castro introducing the concept of shoot harvesting for their own consumption in Martín Garcia island. The bamboo is *Phyllostachys aurea*, and the locals were trained in bamboo shoot harvesting and production. This was the first training in the island.

1. General and morphological features of bamboo shoots

2. Nutritional facts and bamboo shoot properties
3. Production and Harvesting Bamboo shoots (Low, medium and high yield. Double purpose and single purpose production)
4. Bamboo shoot Market in Argentina and in the world

To this training, attended 19 residents of the island (there only live 120).

7th of May, 2011

Bamboo material for designers

Maria Emilia Caro and Ana Maria Castro collaborated with the Metropolitan Center of Design, of the Government of Buenos Aires city, in their Bamboo Workshop providing technical trainings for designers and architects participating in the workshop "Integrating the future."

Professionals were trained in:

1. Bamboo basics
2. Bamboo species available in Argentina and their physical and mechanical characteristics.
3. Raw material in the region.
4. Productive chain status in Argentina.
5. Bamboo in the near future in the country

50 professionals participated in it. The coordinators of the program were so interested that invited us to replicate the experience for 2011.

13th and 14th of May, 2011

Sustainable Management of Natural Bamboo Forests (second edition)

The participants were trained in the "management and sustainable harvesting of bamboo" with a theoretical-practical training. 70 farmers from the Delta Region of the province of Buenos Aires participated in this course. The Government of the province of Buenos Aires, through the Direction of Islands, sponsored this training.

The farmers were trained in:

1. Identification of species, ages and states of maturity.
2. How to recognize different bamboo species in the Delta Region (Runner and clumping bamboo),

3. Age and maturity of the culms
4. Identification of the initial state of the bamboo forest and management plan: check the status, health and quality of bamboo forest for planning tasks.
5. Harvest: technical and fundamental aspects. Cutting time and quantity to be extracted per hectare to achieve sustainable management of bamboo forest.
6. High yield bamboo production.

There were 7 farmers that came to the first training (13th and 14th of September 2009) repeated the training, and they were already using the information received in their farms. We visited 4 of them, the results were awesome.

15th and 16th of July, 2011

Bamboo preservation and post harvest techniques

This was the second module of the training program sponsored by the Government of the Province of Buenos Aires, the second of five. The objective was to provide theoretical and practical experience to the participants an overview of each of the techniques for increasing the durability of bamboo culms. Farmers were trained in:

1. Identification of species, ages, states of maturity.
2. Use appropriate technologies and practices. Quality begins at harvest
3. Preservation technologies, preservative selection depends on the final product.

5th and 6th of Aug., 2011

Designing with bamboo

This was the third module of the program. Maria Emilia Caro and Ana Maria Castro gave the training, supported by the designers of the Metropolitan Design Center, as we cooperated with them previously.

60 participants were trained in:

1. Selection of the raw material according to the specific design requirements for each product

2. Preservation, drying and processing of bamboo to increase durability.
3. Furniture components, assembly and finishing

15th and 16th of Sep., 2011

Bamboo Shoot

The fourth module of the program of the province of Buenos Aires was on edible bamboo shoots. In this case, the training was given by Maria Emilia Caro, and we invited a food engineer that collaborated in normative requirements for food processing (Maria Magistris) Engineer.

1. General and morphological features of bamboo shoots
2. Nutritional facts and bamboo shoot properties
3. Production and Harvesting Bamboo shoots (Low, medium and high yield. Double purpose and single purpose production)
4. Bamboo shoot Market in Argentina and in the world

To this training, attended 35 participants. Some of them were framers, producers, and some were entrepreneurs.

22nd of Sep., 2011

Bamboo Shoot in Martin Garcia Island

In this case, the training was given by Maria Emilia Caro, and Ana Maria Castro in the biggest bamboo forest in the Delta Region, located in Martín Garcia island. The bamboo is *Phyllostachys aurea*, and the locals were trained in bamboo shoot harvesting and production. This was the second training in the island.

5. General and morphological features of bamboo shoots
6. Nutritional facts and bamboo shoot properties
7. Production and Harvesting Bamboo shoots (Low, medium and high yield. Double purpose and single purpose production)
8. Bamboo shoot Market in Argentina and in the world

To this training, attended 25 residents of the island (there only live 120).

20th of May, 2011

Bamboo material for designers

Maria Emilia Caro and Ana Maria Castro collaborated with the Metropolitan Center of Design, of the Government of Buenos Aires city, for the second year consecutive in their Bamboo Workshop providing technical trainings for designers and architects participating in the workshop "Integrating the future."

Professionals were trained in:

1. Bamboo basics
2. Bamboo species available in Argentina and their physical and mechanical characteristics.
3. Raw material in the region.
4. Productive chain status in Argentina.
5. Bamboo in the near future in the country
6. 50 professionals participated in it.

9th of June, 2011

Architecture Central Society of Argentina

Maria Emilia Caro was invited to participate as training staff of the sustainable materials training course, held by the society. The topic given was Bamboo as sustainable material in design and architecture.

18th of Sep., 2011

Bamboo production for farmers and producers

This was a whole day practical training in Eldorado Bambu plantation. Maria Emilia Caro and Ana Maria Castro trained in a real plantation, 50 farmers from Misiones in clumping bamboo harvesting and production. This was sponsored by the department of 9 de Julio, government of the Province of Misiones.

29th and 30th of Sep., 2011

Bamboo Construction

Was carried out with bamboo Construction workshop, taught by Professor and architect, Horacio Saleme, supported by Emilia Caro and Ana Maria Castro in bamboo harvesting and production. Participated in the workshop more than 80 people.

17th and 18th of Nov., 2011

Di Tella University: LEED Certification Postgraduate Course

Maria Emilia Caro was invited by the green building council to train the postgraduate architects in the leed certification-training course about bamboo as sustainable material.



Picture 6. Ana Maria Castro is making presentation to the participants.



Picture 7. Maria Emilia Caro and Ana Maria Castro are making presentation to participants of different backgrounds.

Table 5. Participant list of training 2010: Sustainable Management of Bamboo Forests

No.	Surname	Name	Address	E-mail
1	Alvarez	Aldana	Delta Zarate	rioparana@yahoo.com.ar
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5	Botero	Jose Manuel	Lavalle 411, Bernal	guaduate@live.com.ar
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14	Diaz	Patricia	Delta Zarate	rioparana@yahoo.com.ar
15	Donadio	Jorge	A Caraguata 797	comunitariocaraguata@yahoo.com.ar
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17	Espinosa	Ana Laura	Rio Espera	analauraespinosa@yahoo.com.ar
18	Firpo	Jorge	Juncal 970 3ro G, CABA	opcionagro@gmail.com
19	Fumo	Graciela	Uruguay 3261, Benavidez	gracielifumo@hotmail.com
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39	Perez Mollo	Fernando		
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50	Schmidt	Harry	Jujuy 126 2do piso, Acasuso	ehs@colorit.com.ar
51	Schreder	Roberto	A° Toro muelle Espumita	no tiene

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57	Sotto	Gabriela	A° Gelvez y Espera, Tigre Islas	
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65	Yazurlo	Guillermo		
66	Zalazar	Walter	Rio Sarmiento, Tigre Islas	
67	Zanini	Rosendo	A° Gambado Canal 1 y 2, Tigre Islas	
68	Zolezzi	Laura Alicia	A° Dorado muelle "Lo del Indio"	alepao1a@yahoo.com.ar
69		Juan		
70	Acosta	Julian		

Table 6. Participant List of Training Program for Bamboo Shoot

No.	Surname	Name	E-Mail
1	Ana	Marín	peter_pkb@hotmail.com
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6	Ezequiel	Mendez Christie	echmic@gmail.com
7	Gabriela	Frisch	gabrielafrisch@hotmail.com
8	Gabriela	Sotto	

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Table 7. Participant List of Training Program for Bamboo Preservation

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5	Bernardo Javier	Cejas	
6	Carlos	Marano	

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Table 8. Participant list of training program for Buenos Aires Government Program

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➤ India

India has always paid great attention to bamboo development and carried out activities of bamboo information and technology exchanges with China, and several bamboo delegations have been organized to visit CBRC for information exchange, and visit the famous bamboo towns and the enterprises for better cooperation in bamboo industry development in India. Several breakthroughs have been achieved in bamboo charcoal and active bamboo charcoal production in India, which in return make the bamboo cooperation between India and China closer and more efficient.

Aug. 20th~Aug. 27th, 2011, 39 participants from India came to CBRC for a one-week-training on bamboo propagation, processing and policy headed by Mr. SHRI PRADYUT BORDOLOI, Minister of Commerce and Industry of Assam State of India, and it was organized by our Indian RLO.



Picture 8. Opening Ceremony of bamboo technology training in China in 2011.

Table 9. Participant List of Bamboo Technology Training in China in 2011

No.	Name	Organization
1	Mr. Pradyut Bordoloi	Ministry of Commerce and Industry of Assam State
2	Mrs. Rani Bordoloi	Ministry of Commerce and Industry of Assam State
3	Mr. Rajesh Prasad	Industrial development Corporation

No.	Name	Organization
4	Mrs. Ruby Prasad	Bamboo Development Agency, Assam State
5	Mr. Saraswati Prasad	Hill Track Agency
6	Mr. Reena Prasad	Swabhimani Pratishtan
7	Mr. Jatinderbir Singh	Ministry of Commerce and Industry of Assam State
8	Dr. J Balaji	Ministry of Commerce and Industry of Assam State
9	Mr. Deepak Kr More	Ministry of Commerce and Industry of Assam State
10	Mr. D Kr Goswami	Bamboo Development Agency, Assam State
11	Mr. Shankarsan Saha	Bamboo Development Agency, Assam State
12	Mr. R Pagarwall	Ministry of Commerce and Industry of Assam State
13	Mr. C s Gandhi	Bamboo Development Agency, Assam State
14	Mr. Joyram Engleng	Karbi Anglong Autonomous Council
15	Mr. Hemari Teron	Karbi Anglong Autonomous Council
16	Mr. Bhuban Ch Terang	Bhuban Ch Terang
17	Mr. Klengdoon Engti	Centre of Cane & Bamboo, Kerala State
18	Mrs. L Thangi Mannen	Parliament , Lok Sabha Maharastra
19	Mr. T Mannen	Parliament , Lok Sabha Maharastra
20	Mr. Vitsutho Nyuthe	Bamboo Development Agency, Assam State
21	Mr. Temsuwati	Bamboo Development Agency, Assam State
22	Mr. Khreilie Peseyie	Association.Handicrafts.Manufature's Association, Kerala
23	Mr. Panger C Yaden	Association.Handicrafts.Manufature's Association, Kerala
24	Mr. Neikerhe Thakro	Parliament , Lok Sabha Maharastra
25	Mr. I Matemshiba	Forest & Environment Department, State of Assam
26	Mr. Kevin Solo	Bamboo Development Agency, Assam State
27	Mr. Raju Shetti	Parliament , Lok Sabha Maharastra
28	Mr. Sudin B Khot	Swabhimani Pratishtan
29	Mr. A Totoba	Swabhimani Pratishtan
30	Mr. Amit A Kudache	Forest & Environment Department, State of Assam
31	Mr. A S Naruwadekar	Bamboo Development Agency, Assam State
32	Mr. Parag B Oswal	Parliament , Lok Sabha Maharastra
33	Mr. G.M. Tshering Bhutan	Parliament , Lok Sabha Maharastra
34	Mrs. Saroj Mehndi	South Asia Bamboo Foundation
35	Mr. Vishal Jalan	VISHAL Carbons
36	Mr. Narayan Agarwala	Bamboo Development Agency, Assam State
37	Mr. Jeetu Goswami	South Asia Bamboo Foundation
38	Mr. Kamesh Salam	South Asia Bamboo Foundation
39	Mr. Mrinal Hatkhowa	General Secretary NEFIT

Table 10. Training Organized for Indian RLO

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2	Arijit Hattacharjee	Teacher	Mizoram Coaching Academ, C/o. Hrangchhingpuii, H/no. 214 Humthar, Alzawi, 796009, Mizoram, India
3	C. Abraham A.	Researchers	As per Advise of Kerala Forest Research Institut, Choice Gardens C41, New TOC H School Rd., Vyittila, Kochi—682019. Kerala, India
4	Gerald Kyndiah	Government officials	The Meghalaya Industrial Development Corporation Ltd. Kismat, Upland Road, Laitumkhrach, Shillong, 793003, Meghalaya, India
5	Sanwat Fair Pyngrope	Government officials	The Meghalaya Industrial Development Corporation Ltd. Kismat, Upland Road, Laitumkhrach, Shillong, 793003, Meghalaya, India
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7	Vitsutho Nyuthe	Entrepreneur	Directorate of Industries & Commerce Kohima Nagaland, Directorate of Industries & Commerce, Kohima, Nagaland
8	Lipongse Thongtsar	Entrepreneur	Industries & Commerce Deptt., Nagaland, India Directorate of Industries & Commerce, Nagaland, Kohima, India, Pin-797001
9	Pandey Suneel Kumar	Researcher	Forest Department Govt of Tripura Qtno Type. V/17 Kunjban Toinnship Agartala (Tripura) Pin. 799006, India
10	Nipan kumar Deka	Project Officer	Assam Industrial Development Corporation Ltd. , R. G. Baruah Road, Guwahati –781024 Assam, India
11	Enarth Maviton Muralidharan	Researcher	Genetics Division, Kerala Forest Research Institute, Peechi Thrissur, 680653, India
12	M.Z. Singson	Government official	Asst. Conservator of Forests Office of the PCCF Evt. & Forests Deptt. Aizawl – 796001, Mizoram, India
13	Lalnunsanga Khawlhing	Government official	Environment & Forests Department K-40/5, Republic Veng Aizawl, Mizoram India 796001
14	Raman Thakur	Entrepreneur	Knight Queen Group of Industries, A-14, Wazipur Indl. Area, Delhi 110052, India
15	Nehemiah Panmei	Project Officer	Bamboo & Rattan Development Center, Tamenglong, C.P 19, Type IV Lamphel 795004, Pmpchal, Manipur, India
16	Pratap Shambhoo Goswami	Entrepreneur	Asian Bamboo Board Ltd., 22 Ambazari-layout, Nagpur City, Maharashtra State, 440010, India
17	Lalnunzira	Government official	Asst. Conservator of Forests R. & D. Circle Environment & Forest Department. Aiz Awi, Mizoram 796001, India

No.	Name	Position/ Title	Name of Institute
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19	Rosiama Vanchhong	Government official	Environment & Forest Dept., Nodol Officer, Bamboo Dev. Cell, E&F Complex, Aizawl-796001, Mizoram, India
20	Thanchuanga Chenkual	Government official	Public Works Dept., Aizawl, Mizoram, A-177 Ramhlun Venglai, Aizawl, Mizoram, India-796012
21	Vasu Niranjana Kumar	Director	Rain Forest Research Institute, Jorhat, Assam, India
22	Prakash Vijaykumar	Scientist	Indian Plywood Industries Research & Training Institute
23	Kumar Jitesh	Research Investigator (Forestry)	Ministry of Environment & Forests, New Delhi, India

Table 11. Participant List of Bamboo Training from Northeast India

No.	Name	Designation	Contacting Add.
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Table 12. Participant List of Bamboo Technology Training from Mizoram

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2	Mr. Hauzel Rohluna	Minister of Forest
3	Mr. Trailokya Prasad Khaund	Principal Adviser
4	Mr. Satyawan Singh Garbyal	P.C.C.F
5	Mr. Murray Lal Thangliana	Conservator of Forest
6	Mr. Pachuau Van Hela	Chief Secretary
7	Mr. Lal Rinawa Ralte	Commissioner Industries and Executive Director, BDA
8	Mr. Kamesh Salam	Executive Director, SABF

Table 13. Participant List of Bamboo Processing Training from Northeast India

No.	Name	Designation
1	Mr. Partha P. Majumdar	Programme Manager, Cane and Bamboo Technology

No.	Name	Designation
		Centre, Guwahati and team leader
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3	Shri Kathanon Bathari	Executive Member, i/c Integrated Tribal Development Project, etc., North Cachar Hills, Assam, Haflong
4	Shri Martin Teron	Executive Member, i/c Industry, etc., North Cachar Hills, Assam, Haflong
5	Shri Bikash Brahma	Conservator of Forest (Hills), Assam
6	Shri Dabiruz Jaman	Divisional Forest Officer, North Cachar Hills Division, Assam
7	Mr. Rajiv Mathur	Deputy Secretary, North Eastern Council
8	Shri Norman Putsure	Director, Nagaland Bamboo Mission-IT, Nagaland
9	Shri Ashemo Chenithung Lotha	Member, Nagaland Bamboo Mission -IT, Nagaland
10	Shri Alem Longkumer	Member, Nagaland Bamboo Mission -IT, Nagaland
11	Shri Pausam Lungalang	Member, Nagaland Bamboo Mission -IT, Nagaland
12	Shri N. Imsutoshi	Member, Nagaland Bamboo Mission -IT, Nagaland
13	Shri Moatoshi Longkumer	Member, Nagaland Bamboo Mission -IT, Nagaland
14	Sri R.G. Kalaghatgi	Chief Conservator of Forests, Andhra Pradesh
15	Sri Ratnakar Jauhari	Divisional Forest Officer, Visakhapatnam, Andhra Pradesh
16	Sri B. Naganath	Divisional Forest Officer, Kaghaznagar, Andhra Pradesh
17	Sri Dhanajay Rao	Forest Range Officer, Visakhapatnam, Andhra Pradesh
18	Dr. S. K. Khanduri	Director (Forestry), Planning Commission, New Delhi
19	Mr. Deba Kr. Mishra	Block Development Officer, Bezera Development Block
20	Mr. Hemanta Bhuyan	Block Development Officer, Kamalpur Development Block
21	Mr. Prodip Timung	Block Development Officer, Sualkuchi Development Block

➤ Mexico

Based on the active participation of 20 participants from Mexico in bamboo technology training, and the close communication between RLO in Mexico and CBRC, experts from CBRC were warmly invited to visit Mexico for technology

transfer and feasibility study, meanwhile, some of the participants have come back to CBRC several times to establish a link of cooperation and agreement for bamboo development in Mexico with the support of CBRC. Up to now, apart from the warm welcome by the local government, a memorandum of bamboo cooperation has been signed. While in Mexico, a bamboo technology training course has already been carried out with great success. All of the above will to some degree stimulate the bamboo development in Mexico and the related cooperation between Mexico and CBRC.

Table 14. Participants List of the Bamboo Training Organized in Mexico

No.	Name	Position/Title	Name of Institute
1	Sergio Hernández	Entrepreneurs	Training Unit for Developing Surrounding
2	Angel Medina Carbajal	Master / financier	Independent agriculturer
3	Jose Manuel Antonio Olvera Sousa	Master / agronomist	Grower,/ Independent Advisor
4	Raul Perez Jimenez	Entrepreneur	Biotechnology and Development S de RL de CV, Justo Sierra 2555-C, Col..Lodron de Guevara, Guadalajara Jal 44600, Mexico
5	Sergio Hernandez Martinez	Consultant	Consult in bamboo of municipality of Misantla, Veracruz, Mexico
6	Jose Oscar Padilla Valencia	President	S.P.R. PAMEPA de R.L.
7	Felipe Casanova García	Foreign Trade Promoter, Economic Development Secretary	Government of the State of Tabasco Mexico -Economic Development Secretary
8	Alejandro Flores Rodriguez	Senior Research Officer	National Institute for Agriculture, Forestry and Livestock Research (INIFAP)
9	Vinda Levy	Project Research And Development	Government of Mexico Economic Development Secretariat
10	Itzi Anabella Ortega Martinez	Business Specialist and project developer	Economic Development Secretariat
11	Casanova García Felipe	Bamboo Project Director	Foundation Produce Chiapas
12	Pedro Mario Najera Solorzano	Creator of Projects	Alta Genetica de Los Rios S.P.R. de R.L.
13	Mariano Sanchez Trocino	Coordinator of Vigilancia Nutricional	Direction general of Zoology and Vida Silvestre, Mexico city

No.	Name	Position/Title	Name of Institute
14	Sergio Hernandez Martinez	Director	Bamboo Consultant (Private)
15	Adriana Sanchezbalderas	President and CEO	XANVIL A.C., Mexico, www.xanvil.org
16	Gerardo Antonio Narvaez-Ruiz	Submanager gulf center region	National Forestry Commission
17	Veizaga Zelaya Pedro Ernesto	Commercial and Marketing Investigator	Civil Association of Bamboo
18	Jimena Paola Mamani Chambi	Staff of outsourcing service	Produce Foundation Puebola
19	Perdomo Stephanie Guillaumin	Manager	UNCADER (Development Unit for Training in Mexico)

➤ Uganda

Uganda is one of the most active countries in sending its participants to CBRC for various bamboo training, up to now, around 30 participants from Uganda have been well trained in China for bamboo technologies, they have played a very active role in promoting the local bamboo industry development.

Table 15. List of participants trained in China

No.	Name	Position/Title	Name of Institute
1	Tumwesigye Edison	Promoter	Uplift the Rural Poor Project
2	Paul Otto	Researchers / Bachelor	Uganda Industrial Research Institute
3	Kwitonda David	Extension worker	Extension worker bamboo groups
4	Francis Mbarushimana	Extension worker	Uplift the Rural Poor Project
5	Uwachgiu Raymond	Technical staff	Wood processing technician /Technologist
6	Ratibu Asuman	Research, technician	Laboratory Technologist, Uganda Industrial Research Institute
7	Kabihogo Beatrice	Team leader	Uplift the Rural Poor Project
8	Patrick Ojok	Researcher / director	Electrical Engineering Department, Uganda Industrial Research Institute, Ministry of Tourism, Trade and Industry
9	Felicitas Magomu	Government official	P. O. Box 153 or 558, Mbale, Uganda, E. Africa
10	Harriet Nyiramutuzo Nzaba	Government official	Kisoro District Farmers Association, P. O. Box 184 or 22
11	Christine Mwanja	Research Officer	Uganda Industrial Research

No.	Name	Position/Title	Name of Institute		
			Institute		
12	Davis Bagamuhunda Bariho	Research Officer	Uganda Industrial Research Institute		
13	Julius Turyamwijuka	Industrial Chemist	Uganda Industrial Research Institute		
14	Dickens Onyong	Carpenter	Uganda Industrial Research Institute		
15	Turyomurugyendo Hans Mbarubukeye	Field Officer	Uplift the Rural Poor project		
16	Obed Geoffrey Tugumisirize	Plantation Development Specialist	National Forestry Authority		
17	Samson Masoboni	Agricultural Officer	Manafwa district local government		
18	Ayo Angella Nagudi	Agricultural Officer	Mbale district local government		
19	Larvai Christian Sumaila	Community Tree Planting Projects Manager	National Forestry Authority		
20	Kargbo Ernest T.	Senior Manager	National Forestry Authority		
21	Nabugere M. Flavia	Minister of State for Environment	Ministry of Water and Environment		
22	Najjuma Christine Nurah Ssegawa	Senior assistant secretary, personal assistant to minister	Ministry of Water and Environment		
23	Kwesiga Charles Guy	Executive director	Uganda Industrial Research Institute		
24	Sunday Ombala	Workshop attendant	Uganda Industrial Research Institute		
25	Wilson Shiondo	Assistant technician	Uganda Industrial Research Institute		

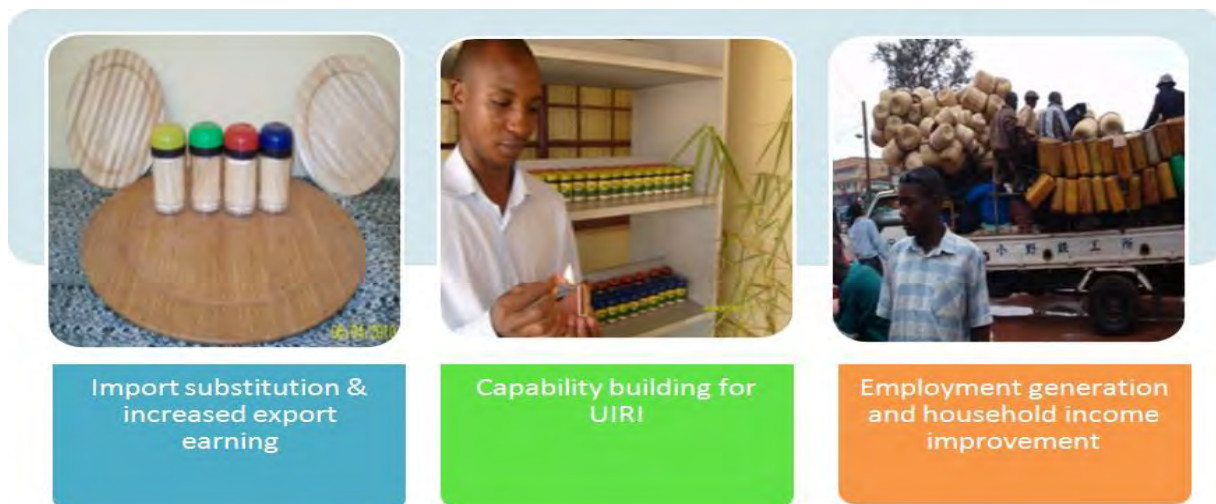
Also with the cooperation with Uganda Industrial Research Institute (UIRI), like personnel training, and technical cooperation as technology transfer etc. breakthroughs in producing tooth picks, bamboo machinery operation and maintenance etc. The Uganda Bamboo Development Project is financed by the Uganda government, precisely, from the Foundation of the President and carried out by the collaboration of UIRI and CBRC. CBRC offered the technical

know-how, equipment, machinery and experts to Uganda. And only within 3 months, a complete toothpick production line was set up and successfully put into production. When Uganda President visited the site together with other high government officials, he was very impressed and commented that never had a project in Africa like this one, within such a short time, could they complete the project, manufacture qualified products and initiate the marketization. China's technology and management mode is very suitable for Africa's bamboo development. "Due to its great success, the demonstration site was selected as one of the visiting site for the East Africa Summit. Presently, we are conducting the third phase of the project, helping them establish a bamboo mat, bamboo curtains and bamboo shoot production line.

The success achieved by UIRI has aroused attention and awareness from the government and the public. And now the bamboo technology cooperation between CBRC and UIRI is still going on, bamboo shoot preservation and processing is the new topic, and the cultivation of bamboo plantation is now at the high attention for the Ugandan government. All the above undoubtedly has pushed the bamboo industry development in Uganda a great stripe forward.



Picture 9. Tooth picks produced by UIRI.



Picture 10. Tooth picks and other bamboo products produced by UIRI



Picture 11. President of Uganda and experts from CBRC visited the bamboo products produced by UIRI.

T03 To strengthen TCDC /ECDC bamboo cooperation

T03.1 To set up an TCDC/ECDC Bamboo Cooperation E-network under E-Center

A Bamboo TCDC/ECDC Cooperation Network Set-up

Through the trainings sponsored by MOFCOM and organized by CBRC, the bamboo cooperation projects, the trainees of bamboo technology training, especially by the initiative of “On-line Net-based Training on Bamboo Technology” project funded by Perez-Guerrero Trust Fund, some Chinese bamboo Enterprises, research institutes and universities have established close ties with the institutes, universities, enterprises, even the governments etc. from bamboo-growing countries, which lay a very solid foundation for the future bamboo cooperation and development both in China and these countries. The below are parts of Chinese bamboo enterprises and institutes/enterprises from developing countries under this Network.

Table 16. Parts of Chinese bamboo Institutes and Enterprises under the TCDC/ECDC Cooperation Network

Name of Institute/Enterprises	Country	Contact person	Position/Title
China National Bamboo Research Center(CBRC)	China	Ding Xingcui	Prof.& Director of International Cooperation Division
Zhejiang Agriculture and Forestry University(ZAFU)	China	Jin Aiwu	Professor
Zhejaing Lin'an Forestry Bureau	China	Wang Anguo	Professor
Zhejiang Wood& Bamboo Processing Co., Ltd.	China	You Kuangyin	President
Information Institute of CAF	China	Tang Songzheng	Professor
Zhejiang Agriculture and Forestry University	China	Zhang Qisheng	Academician
International Cooperation Division of SFA	China	Qu Guilin	Director in General
China Academy of Forestry (CAF)	China	Liu Shirong	Vice president
Forestry Department of Zhejiang Provincial Government	China	Wu Hong	Deputy Director in General

Name of Institute/Enterprises	Country	Contact person	Position/Title
Department of Commerce of Zhejiang Provincial Government	China	Xia Haiwei	Deputy Director in General
Science and Technology Department of Zhejiang Provincial Government	China	Lou Weihong	Deputy Director in General
International Cooperation Division of CAF	China	Lu Wenming	Director
Research Institute of Forestry, CAF	China	Zhang Jianguo	Professor
International Network of Bamboo and Rattan	China	Zhu Zhaohua	Professor
Sub-tropical Forestry Research Institute of CAF	China	Xiao Jianghua	Professor
Tropical Forestry Research Institute of CAF	China	Xu Daping	President
ZAFU	China	Zhang Liqin	Vice President
Center South Forestry University	China	Zhao Renjie	Professor
Fujian Agriculture University	China	Chen Cunji	Professor
Nanjing Forestry University	China	Ding Yulong	Professor
Zhejiang University	China	Zhang Ying	Professor
Southwest Forestry University	China	Li Yanmei	Professor
Jiangxi Agriculture University	China	Pan Xiaozheng	Professor
Anhui Agriculture University	China	Zhang Jianhua	Professor
Hunan Forestry University	China	Wang Zhiguo	Professor
Guangxi Forestry University	China	Dai Jihui	Professor
Zhejiang Forestry Science and Technology Institute	China	Wang Kuihong	Prof. & Director in General
Guangdong Forestry Science and Technology Institute	China	Zhang Guangchu	Professor
Fujian Forestry Science and Technology Institute	China	Zhang Wenyu	Professor
Zhejiang Subtropical Crops Research Institute	China	Jin Chuan	Director
Forestry Department of Zhejiang Provincial Government	China	Zheng Lifa	Director
International Cooperation Division of Forestry Department of Zhejiang Provincial Government	China	Dong Guojun	Director
Science and Technology Department of Zhejiang Provincial Government	China	Zhang Jian	Director
Anji Forestry Bureau, Zhejiang Province	China	Chen Jianyin	Professor
Deqing Forestry Bureau, Zhejiang Province	China	Xu Baizhong	Vice Director
Lin'an Forestry Bureau, Zhejiang Province	China	Lin Yuyi	Vice Director
Rui'an Forestry Bureau, Zhejiang Province	China	Chi Wanyin	Vice Director

Name of Institute/Enterprises	Country	Contact person	Position/Title
Suichang Forestry Bureau, Zhejiang Province	China	Wang Weilong	Director
Zhuji Forestry Bureau, Zhejiang Province	China	Cao Ji	Director
Fengxing Forestry Bureau, Jiangxi Province	China	Hu Fenghua	Director
Fujian Zhangzhou Forestry Bureau	China	Lin Lina	Chief
Haikou Forestry Bureau, Hainan Province	China	Huang Jiaju	Director
Zhejiang Anji Bamboo Botanical Garden	China	Ren Tao	Director
Zhejiang Taihuyuan Bamboo Nursery	China	Wang Ronghua	Vice Director
Huaan Bamboo Botanical Garden	China	Zou Yueguo	Professor
Yong'an Bamboo Botanical Garden	China	Jin Xianyou	Vice Director
Anji Linfeng Forestry Plantation	China	Zhang Huanjun	Director
Deqing Moganshan Forestry Plantation	China	Feng Hui	Director
Lin'an Hengban Forestry Plantation	China	Xia Yuyun	Director
Rui'an Forestry Plantation	China	Liang Ruirong	Director
Zhejiang Moganshan Bamboo Plywood Company	China	Lang Miaojin	President
Zhejiang Lin'an Bamboo Shoot Processing Factory	China	Pan Sulian	President
Zhejiang Qingfeng Bamboo Processing Company	China	Xu Shuimiao	President
Zhejiang Nanfang Bamboo and Wood Company	China	Zhao Ziqun	President
Zhejiang Shuichang Wenzhao Bamboo Charcoal Company	China	Chen Wenzhao	President
Zhejiang Anji Bamboo Curtain Processing Company	China	Wang Huilin	President
Zhejiang Tianfu Bamboo Machinery Factory	China	Liu Zhanming	President
Zhejiang Fenglilai Bamboo & Wood Processing Factory	China	Yu Yunli	President
Zhejiang Shengzhou Bamboo Weaving Company	China	Huang Daizhong	President
Shaoxing Huaying Bamboo & Wood Processing Company	China	Ren Jumiao	President

Table 17. Parts of institutes/enterprises etc. from bamboo-growing countries under the TCDC/ECDC Cooperation Network

Name of Institute/enterprises	Country	Contact person	Position/Title
Eldorado Bambu S.R.L., Argentina	Argentina	Maria Emilia Caro	Business Manager

Name of Institute/enterprises	Country	Contact person	Position/Title
Instituto de Botanica Darwinion	Argentina	Carolina Ines Guerreiro	PhD Student
Eldorado Bambu SRL	Argentina	Maria Alicia Bagattini	Technical Director
Department of Forestry Production Ministry of Agriculture, Livestock and Fisheries	Argentina	Gasana George	Assistant of technician
Oficina para el Desarrollo dell Delta e Islas Bonaerenses Secretaria General	Argentina	Rodriguez Serrano Francisco	Director Provincial
Oficina para el Desarrollo dell Delta e Islas Bonaerenses Secretaria General	Argentina	Pena Tomas Maria	Assistant of General Director
Eldorado bamboo working with INTA(institute national technology of agriculture)	Argentina	Ana Maria Castro Thomae	Chief manager
Direction de l'Agriculture du Ministere de l'Agriculture,de l'Elevage et de la PecheAtlantique-Littoral(Abomey-Calavi), Office of Pest diseases control, CeRPA	Benin	Adanve H. Gregoire	Officer
Institut National des Recherches Agricoles du Benin	Benin	Cesaire Paul Gnangle	Scientist
Centre Communal pour la Production Agricole Copargo, Benin	Benin	Cyrille Dossou Gbaguidi	RCPA(Reponsible for Communnity agriculture promotion)
Equipment Maintenance secretary	Benin	Djengue Colombe Dagbegnon	Researcher
Societe Nouvel Horizon Ltd., Benin	Benin	Leopold Benjaminsj Dohou	General Manager
MAEP, Centre de Recherche et de Production Agricole	Benin	Gouton Rotinor Gaston	Seminaries, Chef Centre
MAEP, CeRPA Borgou-Alibori	Benin	Torou Abou	Seminaries, Ecosystem Expert
Ministere de L'Agriculture de L'Elevage et Peche	Benin	Dosseh Kponouglo Didier Armand	Conseiller en Amenagement et Gestion des Ressources Naturelles
Ministère de l'agriculture	Benin	Alantonehedjra	Assistant du charge de

Name of Institute/enterprises	Country	Contact person	Position/Title
d'élevage et Pêche		Joseph	formation
Ministry of Agriculture, Animal and Fishery	Benin	Joseph Ague Felix	Head officer Direction of Rural Deveopment laws
Programm of Protection of Forest on Ministry of Natural Environment and protection of Nature	Benin	Tchacou Olaitan Kotchoni	Collaborator on Service of Development
Ministerio de Planificacion – Viceministerio de Ciencia y Tecnologia	Bolivia	Isabel Natalia Cerruto Zelaya	Responsable de la Plataforma Nacional de Habitat
Casa & Selva Empresa	Bolivia	Monrroy Divico Lourdes Rosalva	Gerente Propietaria
Botanic Garden for Bolivia	Bolivia	Baptista Campos Bruno Piedade	Agronomic
Botanic Garden for Bolivia	Bolivia	Cerron Oyague Tania Miluska	agronomist
Department of Forestry & Range Resources	Botswana	Mapena Kebagaisitse Baisi	Officials / Bachelor of
Department of Forestry & Range Resources	Botswana	Modikwa Julius Israel	Technical Officer / Bachelor of
Technology University of Parana	Brazil	Rodrigo Strzelecki Berndsen	Teacher
Arquitetura Viva,Brizal	Brazil	Bruno Cesar Fade	Entrepreneurs / architect
Technology University of Parana	Brazil	Fabiano Ostapiv	Senior Lecturer / Master
Centro Reg. Int. de Desenv. Sustentavel	Brazil	Priscila Martins Last(Shanti Primala)	Architect / Master
Architect / owner of a bamboo farm	Brazil	Rafael Penteado Paolini	Architect
Product Designer / SOB Design	Brazil	Bernardo S. F. dos Santos	Designer
Estate Department of Environment,Public Relation Officer, Ministry of Rural Development	Brazil	Rogério Leite dos Santos	Forestry Engineer,
REDEMAT- Rede Tematica em Engenharia de Materiais, 111, Casuarina Street Retiro das Pedras, Cx Postal 3173, Belo Horizonte, Minas Gerais, CEP 30170-940, Brazil	Brazil	Smits C. Monica	Entrepreneur

Name of Institute/enterprises	Country	Contact person	Position/Title
Tesla Technology Ltd, Brazil, AL.GABRIEL M. DA SILAV. 41 AP 102 – SAD PAULO – SP BRAZIL . 01441	Brazil	Gustavo Junqueira	Entrepreneur
Shin qi 14 conj. 10 Casa 23, Brasilia -Df 71530-050, Brazil	Brazil	Luciano Roitman	Teacher
Bambu Brasileiro, Rua Osorio Duque Estrada 74, APT.102, BL. 02 Gavea, Rio De Janeiro -RJ 22451-170, Brazil	Brazil	Raphael Morse D	Entrepreneur
Universidade Estadual Paulista - UNESP, Depat. Eng. Mecanica, Rua Joaquim Da Silva Martha 7-71, Bauru, Sao Paulo 17040-011, Brazil	Brazil	Marco Antonio Pereira	Teacher
Bambu Brasil, Caixa Postal 41 Cep 19830-000, Echapora, Sao Paulo, Brazil	Brazil	Joao Paglisne	Entrepreneur
Catholic University PUC-RIO, Laboratory of Prothotype- LOTDP, R. Gustavo Sampaio, Mo 3581 Ap. 504-Ieme Cep: 22010-010-RIO, de Janeiro-Rj-Brazil	Brazil	Marcelo Da Fonseca E Silva	Teacher
Santa Catarina Bamboo Association	Brazil	Marcos da Silva Marques	President
Parana Bamboo Association	Brazil	Harriet Atim	Civil engineer
Ministry of Social Development	Brazil	Escoda Maria Eugenia	Chief of Projects Development Division
Direction Generale des forets et de l'Environnement/ Ministere de l'Eau de l'Environnement de l'Amenagement du Territoire et de l'Urbanisme	Burundi	Murengerantwari Janvier	Conseiller
Ministry of Rural Development, Kingdom of Cambodia	Cambodia	Seang Cheathy	Director
Ministry of Rural Development, Kingdom of Cambodia	Cambodia	Bun Kheang	Deputy Director
Public Relation Officer, Ministry of Rural Development	Cambodia	Seng Seyhak	Public Relation Officer

Name of Institute/enterprises	Country	Contact person	Position/Title
International Cooperation Division, China National Bamboo Research Center	Cambodia	Kong Vandeth	Agriculturist
Forestry Administration of Cambodia	Cambodia	Chea Sam Ang	Deputy Director
Institute of Forest-Wildlife Research and Development	Cambodia	Chann Sophal	Deputy Director
Ministry of Rural Development	Cambodia	Theam Sophal	Director
Ministry of the Environment and Forestry, Yaounde, Cameroon	Cameroon	Fowambeng Christopher Ndangoh	Government officials
Ministry of the Environment and Forestry, Yaounde, Cameroon	Cameroon	Samual Nwougane	Government officials
Ministry of Small and Medium Sizes Enterprises, Handicraft and Social Economy of Cameroon	Cameroon	Nkotto Dimi Blaise Gabriel	Chief of Services of Social status of Craft men
Ministry of Small and Medium Sizes Enterprises, Handicraft and Social Economy of Cameroon	Cameroon	Bireng Marie Giséle	Chief of Social Economy Unit
Assistant au laboratoire de pedologie	Centrafrique	Komongo Soley Cyr Saturnin	l'agriculture. Institute centrafricain de recherche agricole
Institut Centrafricain de Recherche Agronomique (ICRA) Ministère de l'Agriculture et du Développement Rural	Centrafrique	Allah-Barem Felix	Chef de Service de Biotechnologie
Participatory Forestry Management Project / Ministry of Forest, Water and Environment	Central Africa Republic	Tombet Jules	Director
Bamboo Biz	Chile	Maira Bisquett	Entrepreneurs
Single Person Interior Design Office Oscar Estrerch 2893, Los Heroes III Iquique-Chile	Chile	Maira Bisquett	Entrepreneur
Ministry of Agriculture	Chile	Astaburuaga	General Coordinator of

Name of Institute/enterprises	Country	Contact person	Position/Title
		Fernando	Foreign Affairs
Bamboo Chain Consultant Cundinamarca Province(Ministry of Agriculture Project)	Columbia	Jairo Rafael Acero Nino	Architect
Ministry of Development Durable of Economic Forestry of Environment	Congo (Brazzaville)	Djombo Henri	Minister
Ministry of Development Durable of Economic Forestry of Environment	Congo (Brazzaville)	N'Zaladonien	Director general
Ministry of Development Durable of Economic Forestry of Environment	Congo (Brazzaville)	Menga Willy	Bodyguard for the minister
Ministry of Development Durable of Economic Forestry of Environment	Congo (Brazzaville)	Ebina Nee Taraganzo Florentine Paulette	Director
Ministry of Development Durable of Economic Forestry of Environment	Congo (Brazzaville)	Minga Alexis	Minister Consultant
A. P. 21-1350 Sau Sebastiau. Sau Jose, Costa Rica	Costa Rica	Ing. Rafael Bejarano Lopez	Teacher
Bureau national d'etude technique et de developpement (BNETD)	Cote d'Ivoire	YA gnonsoa jean yves	Charge d'études
BEP Bureau d'Etude de Projets	Cote d'Ivoire	Camara Moustapha	Chargé d'études
President Consellor of National Syndicat of Transport Deputy General Manager of SOCOTA Coporation	Côte d'Ivoire	Soro Kassoum	PhD, / Architecture
Ministry of Agriculture, Institute of Forest Investigations	Cuba	Adela Frometa Cobas	Agricultural Extension Expert / Master
Forestry Research Institute	Cuba	Ihosvanni Cuesta Mola	University Lecturer / microbial Master
Ministry of Agriculture	Cuba	Ignacio Utria Mendoza	Deputy Director
Industry, Step, Stadium, Enterprise, and Craft (IPEMEA)	Democratic Republic of the Congo (DRC)	Bavasana Ngoma	Vice-Chairman

Name of Institute/enterprises	Country	Contact person	Position/Title
Kalinago Heritage Society inc, Dominica	Dominica	Kenrick Dana Auguiste	member of executive
_Artist	Dominica	Kenrick Auguiste	Mananger
CARIB AFFAIRS, Dominica	Dominica	Rachel Darroux	Artisan
Forestry Wildlife Parks Division	Dominica	Simanu Einstein	Forest Technician
Private company	Dominica	Ologa Afano	Artist/Farmer
Private company	Dominica	Ualesi Siaumau	Fisherman/Farmer
Ministry of Agriculture, forestry Department	Dominica	Felix Eugene	Forester II
Ministry of Agriculture, forestry Department	Dominica	Greenaway Mc Donald	Forester II
Mechanical Engineering ESPOLE- Ecuadorian Customs Administration	Ecuador	Kathia Marcela Vásconez Miranda	Mechanical engineer / lecturer
Proyecto Forestal Crea-GTZ 24 de Mayo y Bolivar Macas Ecuador	Ecuador	Jan Ulrich Ladisich	Project Officer
Proyecto Forestal Crea—GTZ, Casilla 09-01-1240 Gvagaqvil-Ecuador	Ecuador	Daniel Valenzuela Filipolippi	Project Officer
Bolivar University Agriculture Apartment	Ecuador	Marco Vinivio Carvajal Cam	Teacher
Universidad Agraria del Ecuador	Ecuador	Carlos Ignacio Campos Valverde	Teacher/ International Agreements Coordinator
Universidad Agraria del Ecuador	Ecuador	Sascha Alexander Matecki Garcia	university teacher
–	Ecuador	Alex Josue Coyaguillo Anchapaxi	Student
FLACSO	Ecuador	Maria Gabriela Navas Perrone	Research Assistance
Agriculture Investment Office (AIO), General Department Organization and International Conferences, 11 Kholosy st. Manial Cairo, Egypt.	Egypt	Rafaat L Amin	Researchers
Foreign Agriculture Relations International Organization & Conferences Department, 1 Nadi E1 Said Streets, Egypt	Egypt	Asmaa Zakaria Sadek Mohamed	Government officials

Name of Institute/enterprises	Country	Contact person	Position/Title
Foreign Agriculture Relations, International Organization & Conferences Department, 1 Nadi E1 Said Streets, Egypt	Egypt	Esmat Radwan	Government officials
Central Region Office Ministry of Agriculture, P.O. Box 1048, Eritrea	Eritrea	Zeresenai Kel Kele	Government official
Central Region Office Ministry of Agriculture, P.O. Box 1048, Eritrea	Eritrea	Jemal Siraj	Government official
AFederal Micro & Small Enterprises Development Agency of Ethiopia	Ethiopia	Wondwosen Feleke	Researcher
Federal Micro of Small Enterprises Agency. Bamboo Work Training center	Ethiopia	Fiker Assefa Tareke	Management / technical staff
BGRS Environmental Protection Authority	Ethiopia	Mesfin Kebede Retta	Government officials / Natural Resource Management
Ethiopian Rural Energy Development and Promotion Center	Ethiopia	Yisehak Seboka Meskele	Government officials / Chemical Master
Ethiopian Tourism Trading Enterprise	Ethiopia	Yemane Teka	Entrepreneur
Ethiopian Tourist Trading Enterprise Addis Ababa, W12, K06, H. No. 415	Ethiopia	H. A. Bekele	Entrepreneur
Ministry of Agriculture, Ethiopia Addis Ababa H-13, K11, House No. 578, Ethiopia	Ethiopia	Leykun berhanu	Government official
Ministry of Agriculture, Ethiopia Addis Ababa H-13, K11, House No. 578, Ethiopia	Ethiopia	Melaku Tadesselebreseuasie	Government official
Federal micro and small scale industry agency	Ethiopia	Tebebe Teshome Tesema	Government Org. Workshop Head
Environmental protection land adm. & use authority	Ethiopia	Gebremedhin W/Gabriel Zigta	Biodiversity & Ecology Team leader, and representativ of the bureau head
Ethiopian Alternative Energy Development and Promotion	Ethiopia	Yisehak Seboka Meskele	Senior Energy Expert

Name of Institute/enterprises	Country	Contact person	Position/Title
Center			
Jittu horticulture Private Limited Company (Collaborately working with INBAR-Personally)	Ethiopia	Bedilu Kifle Gebretsadik	Quality Manager & Bamboo Technician
Natural Resource Management Directorate Ministry of Agriculture , Ethiopia	Ethiopia	Tamere Habtu Bezabhe	Director
Bureau of Agriculture and Rural Development	Ethiopia	Minda Teshome Woldeeslassie	Forestry Development and Utilization Officer and focal person for Eastern Africa Bamboo project
Timber Industry Training Center	Fiji	Eroni Korodrau	Trainer
Ministry of Agriculture	Fiji	Adrea Canakaicina Turagawai	Tropical Agriculture researcher
Forestry Department	Fiji	Livai Ikanikoda Waqalevu	Forestry technicians
Forestry Department, Fiji	Fiji	Hemant Kumar	Forester
BITUKAU Enterprise	Fiji	Usaia Korodrau	Director
Ministry of Fisheries & Forests, Government of the Republic of Fiji , Vusuya, KuKu, Bau. Tailevu.Box 44, Nausori	Fiji	Usaia Covatu Korodrau	Government official
Fiji Bamboo Association	Fiji	Cameron Maxwell	Project Officer
Forestry Department, P. O. Box 147, Labasa Fiji	Fiji	Sailosi Taniela	Government official
Forestry Department, P. O. Box 2218, Suva Fiji	Fiji	Temo Gade Raravula	Government official
Fiji Forestry Department, Silviculture Research Division	Fiji	Setareki Tunidau Bilivanua	Forester
Fiji Forestry Department, Silviculture Research Division	Fiji	Binesh Dayal	Forestry Officer
Ministry of Education	Fiji	Savena Seforosa Margaret	Senior Education Officer-Agriculture Education
Fiji Forestry Department	Fiji	Viliame Cegumalua	Forestry Officer
Fiji Forestry Department	Fiji	Sheik Hakeem	Forestry Officer
Forestry Department, Nausori, Fiji	Fiji	Uraia Racule Dusilele	Forester

Name of Institute/enterprises	Country	Contact person	Position/Title
Ministry of Agriculture, Naitasiri, Fiji	Fiji	Jimmi Abana Baeta	Agriculture assitant
Ministry of Fisheries & Forests, Forestry Department of Fiji	Fiji	Bermudez Cubero	Forest Guard
Ministry of Primary Industry in Fiji	Fiji	Leticia	Extension Officer
Ministry of Fisheries & Forests in Fiji	Fiji	Antunez Latorre Analaura Juliana	Acting forester
Ministry of Primary Industries Department of Forests	Fiji	Cokeanasiga Jocketani	Minister
Department of Forests, Ministry of Primary Industries	Fiji	Wainiqolo Inokeu	Director General
Ministry of Lands & Natural Resources	Ghana	William Toffa	Director of BUdget
National Board for Small Scale Industries	Ghana	Aikins Agyepong	Trainer/motivator
Forestry Commission of Ghana	Ghana	Emmanuel K. Bonney	Government officials / PhD
Forestry Services Division(Forestry Commission)	Ghana	Gifty Dansowaa Twum	Technical supervision
Ministry of Lands, Forestry and Mines	Ghana	Victoria Aba Neizer	Project Officer
Uni. Of Edu. ,Winneba,-Kumasi	Ghana	Joseph Asomani	University Lecturer / Master of Philosophy
Forest Services Division, Forestry Commission	Ghana	Mark Aferdi Dadebo	Integrated resource planning and management, Dr.
Bamboo & Rattan Network of Ghana	Ghana	Mawuli Agbeko Lumor	Managers / agronomists
Forest Services Division of Forestry Commission	Ghana	Faustina Oppong Sidiki	Forester
Forest Services Division of Forestry Commission	Ghana	Samuel Badu-dwomor	Forestry technician
Regional Landscape Designer, Eastern Region, Dept. of Parks & Gardens	Ghana	Massang Raphael Antire	Gardener
Forestry Research Institute of Ghana	Ghana	Emmanuel Ebanyenle	Researcher
Ghana Forestry Commission	Ghana	James Ware Kantayel	Regional Forest Manager
Natural coordinator, Bamboo and Rattan Development Project, Ghana Forestry	Ghana	Kwakyee Ameyaw	Coordinator

Name of Institute/enterprises	Country	Contact person	Position/Title
Commission			
Siddriss bamboo farms and handicrafts company	Ghana	Siddique I abubakar	Manager
Dept. of Integrated Rural Art and Industry, Kwame Nkrumah University of Science and Technology, Kumasi	Ghana	Kwabena Adu Baah	PhD / Lecturer
District Agric Extension Officer, Ministry of Food and Agriculture, P. O. Box: 27, Assin Foso	Ghana	Alfred Quampah	Government officials
Agric Extension Agent, Ministry of Food and Agriculture, P. O. Box: 27, Assin Foso	Ghana	Maxwell Amporo Twun	Project Officer
Forest Service Division, Ministry of Food and Agriculture, P. O. Box: 39, Assin Foso, C/R,Ghana	Ghana	Sophia N. A. Sarpei	Project Officer
AFWEL Ltd., Accra , P.O. Box ct 1672, Cantoment, Accra	Ghana	Isaac Kwasi Oteng	Entrepreneur
KUMASI Logging and Lumber, P. O. BOX: 355 KUMASI GHANA	Ghana	Ibrahim Mohammed	Entrepreneur
Gold Coast Bamboo Co., Ltd., 27 Royalt Castle Road, Kokomlemle, Accre, Ghana	Ghana	Humphrey Tettey Cofie	Entrepreneur
Bamboo and Rattan NetworkGhana P. O. Box CT 1344, Cantonments – Accra	Ghana	Bernard Narh Nuerthey	Project Officer
Pioneer Bamboo Processing Company Limited P. O. Box CT 1344, Cantonments – Accra	Ghana	Emmanuel Nai Akko	Entrepreneur
Pioneer Bamboo Processing Company Limited P. O. Box CT 1344, Cantonments – Accra	Ghana	Doe Agbolosoo -Mengah	Entrepreneur
Forestry Service Division, Forestry Commission, Ghana,	Ghana	Salisu Mohammed	Government officials

Name of Institute/enterprises	Country	Contact person	Position/Title
P. O. Box CT 1344, Cantonments – Accra			
Subri Industrial Plantation Limited (SIPL), Ministry of Trade & Industry, Ministry of Lands & Forestry, P. O. box 848, Takoradi, Ghana	Ghana	Andrew Boateng Dua	Government official
Bamboo and Rattan Network Ghana P. O. Box: 14701 Accra, Ghana	Ghana	Benjamin Lartey	Project Officer
Ghana Education Service Foso Teacher Training College, P O Box 87Assin FOSO, C/R, Ghana	Ghana	Dominic Arthur-Morrison	Teacher
Ministry of Lands and Forestry, P.O. Box MB212Accra, Ghana	Ghana	Joseph Osiakwan	Government official
Forestry Service Division, Forestry Commission, P.O. Box 527Accra, Ghana W/A	Ghana	Alexander Oduro-Barnie	Government official
Mt. Hebron Farm. Ind. Ltd, Box 7268, Accra-North, Ghana, W. Africa	Ghana	Daniel Louis Amilcar Ofori	Entrepreneur
Afrik Krafts (Private Company), Box: 02118 osu Accre, Ghana	Ghana	Ofori Lawrence	Entrepreneur
Bamboo And Rattans Development Programme, Ministry of Lands, Forestry And Mines.	Ghana	Cynthia Yaganume Kuor	Assistant Programme Officer, Nursery And Plantations Development.
Bamboo And Rattans Development Programme, Ministry of Lands, Forestry And Mines.	Ghana	Dickson Twum Yeboah	Assistant Programme Officer, Natural Forest Operations
T-tom Company	Ghana	Edward Oly Ankrah	managing director
Ministry of Lands, Forestry & MIne	Ghana	Joseph Peter Abbey	Planning Officer
Forest Services Division	Ghana	Joseph Bempah	District Manager
Ministry of Lands and Natural Resources	Ghana	Daniel Nsowah	Assistant Planning Officer
Forestry Commission, Ghana	Ghana	Brenya Hodibert	Assistant District Manager

Name of Institute/enterprises	Country	Contact person	Position/Title
		Nana Afia	
Forestry Commission, Ghana	Ghana	Asare Eric	Assistant District Manager
Forestry Commission, Ghana	Ghana	Nyarko Robert	Director of Finance Administration
Forestry Commission, Ghana	Ghana	Appiah-Gyapon G Joseph Yaw	Corporate Monitoring and Evaluation Manager
Ministry of Food and Agriculture	Ghana	Antwi Martin Okyere	Senior Technical Officer
Ministry of Food and Agriculture	Ghana	Alex Kofi Zonu	Principal Technical Officer
CARIBBEAN NATURALS – GOVERNMENT OF GRENADA	Grenada	Debra Mason	Director
Director Center Handcraft Bamboo and Rattan of Guinea, Ministry Tourism and Hotolery	Guinea	Diallo Mamadou Bailo	Officer / agricultural engineer
Chef Secte on Recherche Vue L'carisation, au Ministry Tourism and Hotolery	Guinea	Diallo Zenab Sacké	First Secretary / Administration Bachelor of
Bamboo-Rotten Center of Guinea Conakry	Guinea	Diallo Mamadou Bailo	Director
Ministère de la coopération international au service des dons, république de Guinée.	Guinea	Dabo Mamadi	Charge d'études
Direction Nationale de l'OPDA (Office de promotion du developpement du Tourisme et de l'Artisanat)	Guinea	Keita Boubacar N'gaye	Charge d'études
Bamboo Training Center, Ministry of Tourism, Industry and Commerce	Guyana	Gavin Cruikshank	Teacher
Ministry of Education	Guyana	Gregory Holder	Professor
Ministry of Tourism Industry & Commerce	Guyana	Michael Alleyne	Craftsman
Bamboo Training Center, Ministry of Tourism, Industry and Commerce	Guyana	Samantha Ann Corlette	Lecturer
Bamboo Training Center, Ministry of Tourism, Industry and Commerce	Guyana	Donrad Ferdinand Courtman	Lecturer

Name of Institute/enterprises	Country	Contact person	Position/Title
Diakonie Allemagne Aide Humanitaire	Haiti	J.M. Felix Gilbert Viala	Project coordinator
Assam Industrial Development Corporation Ltd. South Sarania, Hemagin Road, P. O. Ulubari, Guwahati, 781007, Assam, India	India	Deepak Kumar Goswami	Government officials
Mizoram Coaching Academy, C/o. Hrangchhingpuii, H/no. 214 Humthar, Alzawi, 796009, Mizoram, India	India	Arijit Hattacharjee	Teacher
As per Advise of Kerala Forest Research Institut, Choice Gardens C41, New TOC H School Rd., Vyittila, Kochi—682019. Kerala, India	India	C. A. Abraham	Researchers
The Meghalaya Industrial Development Corporation Ltd. Kismat, Upland Road, Laitumkhrah, Shillong, 793003, Meghalaya, India	India	Gerald Kyndiah	Government officials
The Meghalaya Industrial Development Corporation Ltd. Kismat, Upland Road, Laitumkhrah, Shillong, 793003, Meghalaya, India	India	Sanwat Fair Pyngrope	Government officials
Entrepreneur Khamsoi Chow, Khanapara Narengi Road Guwahati, Dist. Kamrup	India	Khamsoi Chow	Entrepreneur
Directorate of Industries & Commerce Kohima Nagaland , Directorate of Industries & Commerce, Kohima, Nagaland	India	Vitsutho Nyuthe	Entrepreneur
Industries & Commerce Deptt., Nagaland, India Directorate of Industries & Commerce, Nagaland, Kohima, India, Pin-797001	India	Lipongse Thongtsar	Entrepreneur
Forest Department Govt of Tripura	India	Pandey Suneel Kumar	Researcher

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Qtno Type. V/17 Kunjban Toinnship Agartala (Tripura) Pin. 799006, India			
Assam Industrial Development Corporation Ltd. , R. G. Baruah Road, Guwahati –781024 Assam, India	India	Nipan kumar Deka	Project Officer
Genetics Division, Kerala Forest Research Institute , Peechi Thrissur, 680653, India	India	Enarth Maviton Muralidharan	Researcher
Asst. Conservator of Forests Office of the PCCF Evt. & Forests Deptt. Aizawl – 796001, Mizoram, India	India	M.Z. Singson	Government official
Environment & Forests Department K-40/5, Republic Veng Aizawl, Mizoram India 796001	India	Lalnunsanga Khawlhing	Government official
Knight Queen Group of Industries, A-14, Wazipur Indl. Area, Delhi 110052, India	India	Raman Thakur	Entrepreneur
Bamboo & Rattan Development Center, Tamenglong, C.P 19, Type IV Lamphel 795004, Pmphal, Manipur, India	India	Nehemiah Panmei	Project Officer
Asian Bamboo Board Ltd., 22 Ambazari-layout, Nagpur City, Maharashtra State, 440010, India	India	Pratap Shambhoo Goswami	Entrepreneur
Asst. Conservator of Forests R. & D. Circle Environment & Forest Department. Aiz Awi, Mizoram 796001, India	India	Lalnunzira	Government official
Asst. Conservator of Forestry, Champai Forests Divisioin, Champai Mizoram, 796321, India	India	Laltlanhlua Zathang	Government official
Environment & Forest Dept., Nodol Officer, Bamboo Dev.	India	Rosiama Vanchhong	Government official

Name of Institute/enterprises	Country	Contact person	Position/Title
Cell, E&F Complex, Aizawl-796001, Mizoram, India			
Public Works Dept., Aizawl, Mizoram, A-177 Ramhlun Venglai, Aizawl, Mizoram, India- 796012	India	Thanchuanga Chenkual	Government official
Rain Forest Research Institute, Jorhat, Assam, India	India	Vasu Niranjan Kumar	Director
Indian Plywood Industries Research & Training Institute	India	Prakash Vijaykumar	Scientist
Ministry of Environment & Forests, New Delhi, India	India	Kumar Jitesh	Research Investigator(Forestry)
Directorate General of Land Rehabilitation and Social Forestry	Indonesia	Robert Henry	Government officials / Master
Zegen Furniture	Indonesia	Lily Dermawan Tanuwidjaja	Designer / Bachelor of
Directorate General of Land Rehabilitation and Social Forestry	Indonesia	Benny Subandi Supardi	Common staff
Directorate General of Land Rehabilitation and Social Forestry	Indonesia	Joko Pramono	Senior Staff
Zegen Furniture	Indonesia	Anthony Wibowo Sampurna	Wood technology and processing worker / entrepreneur
Forest Tree Seed Center Bali Nursery. Directorate of Social Forestry Development	Indonesia	Prajitno, S P	Forester
Directorate of Social Forestry Development	Indonesia	Ir. Sudaryanto	Forester
Center of Watershed Management Office Makassar, Indonesia	Indonesia	Lely Mardawati Dahlan.	Forestry Engineer,
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Name of Institute/enterprises	Country	Contact person	Position/Title
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Perum Perhutani, Manggala Wanabakti BL. 7Fl.11, Jakart, Indonesia	Indonesia	Endah Suwarni	Government official
Perum Perhutani, Gogor Forest District, JL. Desa Tengah Kompleks Pemda Bogor, Cibinong-Bogor, Indonesia	Indonesia	Agus Mashudi	Government official
Research on Forest Product technology R. & D. Center , P3hh, Jl Gn., Batu NO. 5, P. O. Box:182, Bogor, West Jawa, Indonesia	Indonesia	Nenny Sumarliani	Researcher
Forest Products Technology Research & Development Center, Jl. Gunung Batu No. 5, Bogor 16001, P. O. Box 182, Indonesia	Indonesia	Agus Ismanto	Researcher
Dg of Land Rehabilitation and Social Forestry, Ministry of Forestry of Indonesia, Manggala Wanabakti Bl., 1Fl. 14, Jakarta, Indonesia	Indonesia	Ruth Talantan	Government official
EBF. Bali, Indonesia	Indonesia	Nyoman Arthnegara	Project Officer
PT AMAN ASRI. Jl Mangga Dua Raya Blok J. No. 12A , Jakarta, Indonesia	Indonesia	Sanoto Utomo	Project Officer
Forest Prod. Res. & Dev Center, Jin. Gunung Batu. P. O. Box: 182. Bogor. Indonesia	Indonesia	Paribotro Sutigno	Researcher
Bogor Agricultural University Department of Agronomy JLN	Indonesia	Sandra Aziz	Teacher

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Raya Pajajaran, Bogor, Indonesia			
R. & D. Center for Applied Physics-Indonesia Institute of Sciences. UPSPIPTEK-Serpong, Tangerang 15314, Indonesia	Indonesia	Subyakto	Researcher
R. & D. Center for Applied Physics-Indonesia Institute of Sciences. UPSPIPTEK-Serpong, Tangerang 15314, Indonesia	Indonesia	Bambang Subiyanto	Researcher
Laboratory of Landscape Architecutre. Department of Agronomy, Faculty of Agriculture, Bogro Agriculture University. JIn, Raya Pajajaram. Bogor 16143, Indonesia	Indonesia	Andi Gunawan	Researcher
Research Institute For Human Settlements. JIn. Panyaungan Cileunyi Wetan Kab. Bandung 40393, Indonesia. P. O. Box: 812, Bandung 40008	Indonesia	Purwito	Researcher
Center R. & D. of Transmigration and Squatter's Forest Research. Jl. T. MP Kalibata No. 17, Jakarta-Selatan. Indonesia	Indonesia	Baslian Krisma Yoza	Researcher
Center R. & D. of Transmigration and Squatter's Forest Research. Jl. T. MP Kalibata No. 17, Jakarta-Selatan. Indonesia	Indonesia	Etti Diana	Researcher
Dalla Billa Sejatl Co., Ltd. Jl, Raya Gunung Batu 223 Bogor, Indoneisa	Indonesia	RadjabTampubolon	Entrepreneur
Faculty of Forestry. Dept. of Conservation Resources Forestry, Bogor, Indonesia	Indonesia	Mingan Sugianto	Teacher

Name of Institute/enterprises	Country	Contact person	Position/Title
Ministry of Industry	Indonesia	Artha Arie Nuryanie	Staff of Center for Administration of International Cooperation
Institute of Research Batik and Handicraft Industry	Indonesia	Dwi Suheryanto	Researcher
Ministry of Forestry	Indonesia	Tubagus Ajie Rahmansyah	Staff of Direktorat General land rehabilitation and social forestry
Ministry of Forestry Republic of Indonesia	Indonesia	Rini Purwiasuti	Staff of the Directorate of Forest and Land Rehabilitation Development, Directorate General of Land Rehabilitation and Social Forestry
Forest Products Research and Development Centre (FPRDC), Ministry of Forestry in Indonesia	Indonesia	Agustinus Tampubolon	Deputy Director of Research Planning
Directorat General of Land Rehabilitation and Social Forestry, Ministry of Forestry in Indonesia	Indonesia	Suksesi Wicahyani	Staff at Institute of Watershed Management in Bali
Institute for Research and Standardisation of Industry Bandarbarum, Ministry of Industry	Indonesia	Farida Crisnaningtyas	Research Candidate
Halls of Industrial Education&Training for the Regional South Sulawesi Ministry of Industry	Indonesia	Sherly Irawati	Trainer
Center for Handycraft and Batik, Ministry of Industry	Indonesia	Harnandito Paramadharma	Staff of Technologies Tranfer and Incubation section
Center for Plantation Forest Research and Development Center	Indonesia	Bambang Tri Hartono	Director
Forest and Range Organization	Iran	Alizadeh Galeshkolami Asg	Project Officer
Forest and Range Organization	Iran	Javard Moghimi Araghi	Project Officer
Forestry Department of	Jamaica	Nelson Lawrence	Senior official

Name of Institute/enterprises	Country	Contact person	Position/Title
Jamaica		Michael	
Jamaica Business Development Center	Jamaica	Lewis Donovan Augustus	Engineering Technician
Ministry Agriculture & Fisheries	Jamaica	Shanae Celia Marks	Technical Officer
Forestry Department of Jamaica	Jamaica	Howard Omar Beckford	Research officer
Forestry Department	Jamaica	Howard Omar Beckford	Research officer
Kenya Forest Service	Kenya	Allan Ojwang Ongere	Forestry Development Advisor
Kenya Forest Service	Kenya	Joshua Okello Belle	Forestry consultant / Ph.D
Agricultural Extension	Kenya	Richard Maina Njuguna	Government officials / Bachelor of
Agricultural Extension	Kenya	Lilian Sarah Atieno Osano	Bachelor / agricultural extension workers
Forest Dept., Ministry of Environment and Natural Resources, Kenya	Kenya	Gregory M. K. Mbita	Officer
Forest Dept., Ministry of Environment and Natural Resources, Kenya	Kenya	Lawrence G. Kuria	Officer
Kenya Forestry Research Center , P. O. Box 20412, Nairobi 000200, Kenya	Kenya	Michael M. Okeyo	Researchers
ICRAF, ICRAF-Kisumu, P. O. Box 2389, Kisumu, Kenya	Kenya	David Hyahtika	Project Officer
Kenya Forest Service	Kenya	James Mwangi Mburu	District Forest Officer
Kenya Forest Service	Kenya	Timon Otieno Mboga	District Forest Officer
Kenya Forest Service	Kenya	James Mwang Ombe Mwamodenyi	Head of Biodiversity Management
Kenya Forest Service	Kenya	Clement Pkiyeny Ng'Oriareng	Head of Drylands Forestry
Kenya Forest Service	Kenya	Omondi Benedictaloo	Head of Watershed Management
Kenya Forestry Research Institute	Kenya	Mogire Samson	Senior Laboratory Technologist
Kenya Forestry Research Institute	Kenya	Charles Ndege Ongweya	Senior Forester
Ministry of Forestry and Wildlife-Kenya Forest Service	Kenya	Dismas Ekan	Assistant Forest Manager (senior forester)

Name of Institute/enterprises	Country	Contact person	Position/Title
Kenya Forest Service	Kenya	Pauline Ngoli	Zonal forest manager
Kenya Forest Service	Kenya	Kariuki	Head of Conservancy
Ministry of Forestry & Wildlife	Kenya	Wekesa Noah M.	Minister
Ministry of Forestry & Wildlife	Kenya	Wekesa Isaac Wanyonyi	Personal Assistant to Minister
Ministry of Forestry & Wildlife	Kenya	Mwasame Juliah	Director
Ministry of Industry and Commerce	Laos	Khamphouth Simmalavong	Engineer
Forestry Research Institute of Laos	Laos	K Hamphone Sengdala	Researcher
National University of Lesotho	Lesotho	Mantemana Molotsi	Officials of the Agricultural Technology
Ministry of Forestry of Lesotho	Lesotho	Matšela Samuel	Forestry researcher
Ministry of Trade and Industry	Lesotho	Sello Bernard Chesetsi	Cooperative officer
Forestry Department	Lesotho	Seeiso Peter Moshoeshoe	Senior Forestry Officer
Ministry of Forestry, Forestry Department	Lesotho	Matsela Samuel Matsela	Forester
Ministry of Interior Affairs of Liberia	Liberia	Willis Mac A.	Officials / Bachelor of
Ministry of Interior Affairs of Liberia	Liberia	Momo P. Seh	Project Manager / BA
Department of Technical Service, Ministry of Agriculture	Liberia	Moses C. Dolo	Government officials / Lin Xueshuo disabilities
Ministry of Agriculture	Liberia	Saye Musa	Teacher, Bamboo&Rattan weaving program
Own Bamboo Business	Liberia	Eli Ray	Owner
Bamboo's & Rattan Training Institution	Liberia	Joe Williams	Lecturer
Ministry of Agriculture	Liberia	Williams Deborah Junius	Director of Training
Ministry of Agriculture	Liberia	Mustapha Sheriff	Administrative Department
Ministry of Agriculture	Liberia	M. WEAH FANNAYON	Administrative and Development Officer
Ministry of Agriculture	Liberia	G.Zargba Gaye	Director of Training/Coordinator for Bamboo and Rattan Development
Atle Dooel Corporation	Macedona	Ilija Penusliski	Artest
Atle Dooel Corporation	Macedona	KirilPenusliski	Artest

Name of Institute/enterprises	Country	Contact person	Position/Title
Atle Dooel Corporation	Macedonia	Igor Tasevski	Entrepreneur
Ministry for Agriculture, Forestry and Water Economy	Macedonia	Bojan Stankovic	Assistant
ONG Bararata / INBAR	Madagascar	Mampionona Aymar Yves	Animateur Cluster (INBAR)/ Administrateur (ONG Bararata)
Directeur executif	Madagascar	Ratrimoharivivo misa	ONG Fagnarina
Forestry Training Unit, Forestry Department Peninsular Malaysia, Kepong, 52100 Kuala Lumpur, Malaysia	Malaysia	Nor Zaidi Jusoh	Government officials
Kedah State Forest Department Aras 8, Bangunan Sultan Abdul Halim, Jalan Sultan Badlishah, 05000 Alor Star, Kedah, Malaysia	Malaysia	Foong Lai Hoy	Government officials
Forestry Department of Sabah, Jabatan Perhutanan, Peti Surat 1407, 90715 Sandakan, Sabah, Malaysia	Malaysia	Jumaling Bin Lapongan	Government official
Forest Reserch Center Sabah, Ethnobotany Unit, P. O. Box: 1407, 90715 Sandakan, Sabah, Malaysia	Malaysia	Julius Kulip	Researcher
Forest Research Institute Malaysia, Kepong 52109, Kuala Lumpur, Malaysia	Malaysia	Norul Hisham Hamid	Researcher
Perlis Agriculture Department, Kompleks Pertanian Bukit, Temiang Km 10 Jalan, Kami Bukit 02400 Beseri, Perlis, Malaysia	Malaysia	Chee Moon Cheng	Government official
KLS Group of Companies, 26, Wisma KLS Jalan Tengku Diauddin, P. O. Box: 158, 41710, Slang, Selangor, Malaysia	Malaysia	Koh Bee Bee	Entrepreneur
Malaysia Forest Research	Malaysia	Arahad Omar	Researcher

Name of Institute/enterprises	Country	Contact person	Position/Title
Institute. Kepong Selangor 52109, Kuala Lumpur, Malaysia			
Malaysia Forest Research Institute. Kepong Selangor 52109, Kuala Lumpur, Malaysia	Malaysia	Jamaludin Malek	Researcher
Faculty of Forestry, UPM 43400, Seardang, Selangor, Malaysia	Malaysia	Zaidon Ashaari	Researcher
Forest Research Center, Forestry Department, P. O. Box: 1407, 90715, Sandakan, Sabah, Malaysia	Malaysia	Sining Unchi	Researcher
Ministry of Fisheries, Agriculture and Marine Resources of Maldives	Maldives	Ahmed Ashraf	Government officials
Training Unit for Developing Surrounding	Mexico	Sergio Hernández	Entrepreneurs
Independent agricultor	Mexico	Angel Medina Carbajal	Master / financier
Grower,/ Independent Advisor	Mexico	Jose Manuel Antonio Olvera Sousa	Master / agronomist
Biotechnology and Development S de RL de CV, Justo Sierra 2555-C, Col..Lodron de Guevara, Guadalajara Jal 44600, Mexico	Mexico	Raul Perez Jimenez	Entrepreneur
Consult in bamboo of municipality of Misantla, Veracruz, Mexico	Mexico	Sergio Hernandez Martinez	Consultant
S.P.R. PAMEPA de R.L.	Mexico	Jose Oscar Padilla Valencia	PRESIDENT
Government of the State of Tabasco Mexico -Economic Development Secretary	Mexico	Felipe Casanova García	Foreign Trade Promoter, Economic Development Secretary
National Institute for Agriculture, Forestry and Livestock Research (INIFAP)	Mexico	Alejandro Flores Rodriguez	Senior Research Officer
Government of Mexico	Mexico	Vinda Levy	Project Research And

Name of Institute/enterprises	Country	Contact person	Position/Title
Economic Development Secretariat			Development
Economic Development Secretariat	Mexico	Itzi Anabella Ortega Martinez	Business Specialist and project developer
Foundation Produce Chiapas	Mexico	Casanova García Felipe	Bamboo Project Director
Alta Gentica de Los Rios S.P.R. de R.L.	Mexico	Pedro Mario Najera Solorzano	Creator of Projects
Direccion General de Zoologicos y Cida Silvestre, Ciudad de Mexico	Mexico	Mariano Sanchez Trocino	Coordinador de Vigilancia
Bamboo Consultant (Private)	Mexico	Sergio Hernandez Martinez	Director
XANVIL A.C., Mexico, www.xanvil.org	Mexico	Adriana Sanchezbalder As	President and CEO
National Forestry Commission	Mexico	Gerardo Antonio Narvaez-Ruiz	Submanager Gulf Center Region
Civil Association of Bamboo	Mexico	Veizaga Zelaya Pedro Ernesto	Commercial and Marketing Investigator
Produce Fondation Puebola	Mexico	Jimena Paola Mamani Chambi	Staff of outsourcing service
UNCADER (Development Unit for Training in Mexico)	Mexico	Perdomo Stephanie Guillaumin	Manager
Department of Resources and Development	Micronesia	Epert Mikel	Conservation Practitioner
National Government	Micronesia	Stanley Ernest	Project Manager
Tourism Promotion (Cultural teacher), Micronesia	Micronesia	Phillip Hemilson	Teacher/Tour Guide
Department of Transportation Communication and Infrastrucure FSM National Government	Micronesia	Ravia Akesa Buna	Coordinator carpenter
Pohnpel State Government Department of Education	Micronesia	Tamidri Suliano	Vocational Instructor
Pohnpel State High School Department of Education	Micronesia	Tokairavua Jone	Vocational Instructor
National Government Department Transportation Communication and Infrastructure	Micronesia	Kubo Antolin	Maintenance Specialist

Name of Institute/enterprises	Country	Contact person	Position/Title
Nature Conservancy Board	Mongolia	Oyun Choijinjav	Chief Engineer / Bachelor of
Nature Conservancy Board	Mongolia	Munkhchimeg Baatarjav	Researchers / Bachelor of
Agriculture Ministry, Management, Policy Division	Mongolia	Idertsog Naranbat	Government officials / Master of Science
Association for Peace and Development National Information Technology Park Bldg. #427, Mongolia	Mongolia	Naransolongo Baatar	Project Officer
RAMSAR Center of Mongolia POB-53, Ulaanbaatar-20a, Mongolia	Mongolia	Kherlenbat	Project Officer
RAMSAR Center of Mongolia , POB-53, Ulaanbaatar-20a, Mongolia	Mongolia	Sundergunsmaa	Project Officer
RAMSAR Center of Mongolia , POB-53, Ulaanbaatar-20a, Mongolia	Mongolia	Amarsaikhan	Project Officer
Mongolian Nature and Environment Consortium, Central Post Office –48 P. B – 77, Ulaanbaatar, --13, Mongolia	Mongolia	Chojildavaa Kherlenbat	Project Officer
Mongolia	Mongolia	T Baterdene	Teacher
Mongolia Society for Environmental Education, B. Pandi, P. O. Box: 836, Ulaabnaatar, 211121, Mongolia	Mongolia	Tsendsuren Baterdene	Teacher
Forestry and Wildlife Bureau of Environmental Protection Agency, Government Building 3, Baga Toiruu-44, Ulaanbaatar - 11, Mongolia	Mongolia	Saule Alihov	Government official
Mongolian Academy of Sciences, Institute of Geoecology Scientific Worker, Mongolia Ulaanbaatar, Central Post, P. O. Box:408	Mongolia	Chuluungombo Bazarsad	Researcher
Ministry of the Agriculture in Mozambique	Mozambique	Jacob Miguel Bila	Forestry engineer

Name of Institute/enterprises	Country	Contact person	Position/Title
Ministry of the Agriculture in Mozambique	Mozambique	David Makhodzo	Technician
Agricultural Research Institute of Mozambique	Mozambique	Ivete Frederico Maluleque	Senior Research Fellow
Mampula Provincial Direction of Agriculture	Mozambique	Jose Julio Luis	Senior Research Fellow
Agricultural Research Institute of Mozambique	Mozambique	Olivia Susana da Silva Amosse	Officer / Engineer
Instituto de Investigação Agrária de Moçambique (IIAM)	Mozambique	Horácia Celina A·Mula Boene	Mid-level forestry technicians / PhD
Instituto de Investigação Agrária de Moçambique (IIAM)	Mozambique	Nazaré Fernando Mabjaia	Forestry engineer
Forestry Research Center	Mozambique	Alfredo Daniel	Forestry Researcher
Ministry of Agriculture, provincial directorate of Agriculture of cabo delgado province	Mozambique	Silverio Arlindo Diomba	Officer
Ministerio De Agricultura	Mozambique	Feliciano Baptista Joao	Officer
Agriculture Ministry – DPA Sofala	Mozambique	Jeremias Joao Isaias	Officer
Agriculture Ministry, Centro de Experiments Florestal – Maputo	Mozambique	Gabriel J M Azarias	Officer
Agriculture Ministry – DPA – Manica	Mozambique	Ermelinda Estefania Michonga	Officer
Provincial Department of Forestry and Wildlife , Centro de Experimentação Florestal, Rua da Resistência, Marracuene, Maputo, P.O. Box No 8, Mozambique	Mozambique	José Lopes Malevo	Government officials
Provincial Department of Forestry and Wildlife, Head of Afforestation Unit, Direcção Provincial de Agricultura eDesenvolvimento Ruaral, P.O.Box 42 Manica, Mozambique	Mozambique	Mateus Salvador Macuacua	Government officials

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Provincial Department of Forestry and Wildlife, Head of Anti poaching Unit, Direcção Provincial de Agricultura eDesenvolvimento Ruarla, P.O.Box 65 Tete,Mozambique	Mozambique	Tiago Felix Lidimba	Government officials
Provincial Department of Forestry and Wildlife, Technician of Community Forest Management Unit, Direcção Provincial de Agricultura eDesenvolvimento Rural, Nampula, Mozambique	Mozambique	Aly Awasse	Government officials
Ministry of Agriculture	Mozambique	Paulina Janett Magumisse	Forestry Technical
Ministry of Agriculture National Directorate of Land and Forest	Mozambique	Teresa Guila Nube	Forest Engineer
Ministry of Industry (1)	Myanmar	Zayar Min San	Officer
Forestry Research Institute of Burma	Myanmar	Aung Zaw Moe	Researcher
Ministry of Industry (1)	Myanmar	Phone Naing Thet	Assistant Manager
Ministry of Forestry	Myanmar	Maung Nge	Range Officer
Ministry of Science and Technology	Myanmar	Dr. Pyi Phyo Aung	Lecturer
Forest Research Institute-Ministry of Forestry in Myanmar	Myanmar	Kyaw Linn AUNG	Assistant Director
Ministry of Industry No.1	Myanmar	Chan Nyein AYE	Assistant Manager
University of Forestry, Ministry of Environmental Conservation and Forestry, Myanmar	Myanmar	San Win	Pro-rector
Forest Research Institute Yezin Naypyitaw	Myanmar	Thein Shwe	Assistant director
Myanma Timber Enterprise, Ministry of Forestry	Myanmar	Maung Maung Lin	Assistant Manager

Name of Institute/enterprises	Country	Contact person	Position/Title
Forest Research Institute, Yezin, Myanmar	Myanmar	Kyaw Win Maung	Assistant Research Officer
Livelihoods & Forestry Programme of Nepal	Nepal	Bal Krishna Jamarkattel	Project Officer
Government Service	Nepal	Shree Krishna Gautam	Researcher / PhD
Fruit and Bamboo Farm Management Center	Nepal	Krishna Bahadur Gurung	Official
Resource and Environmental conservation Society Nepal (RES - Nepal)	Nepal	Suman Sigdel	Forester
Gurkha Welfare Scheme	Nepal	Sindhu Lal Shrestha	Finance Officer
Social Welfare Service Council (SWSC)	Nepal	Bhawana Chaulagain	Master / Assistant to the Director
Institute of Forestry, Tribhuvan University, Pokhara, Nepal	Nepal	Shrestha Basudha	PhD / lecturer
Rural Reconstruction Nepal (RRN), Rural Reconstruction Nepal Regional Office, Biratnagar, Morang District	Nepal	Navin Karki	Government officials
Institute of Forestry, Tribhuvan University Tribhuvan, C/o Sindhulal Shrestha, Gurkha Welfare Scheme, BGP, P. O. Box: 50, Deep Pokhara, Nepal	Nepal	Abha Joshi	Teacher
Kathmandu Training Center, C/o Gurga Thapa, DRSP/SDCN, P. O. Box: 113, Kathmandu	Nepal	Cheta Nath Tripathi	Teacher
Ptivi Narayan Campus Ram Bzzar-10, Pokhra, Nepal	Nepal	Amrit Poudel	Teacher
Agricultural Development Bank, Regional Training Center Nepalgunj, Nepal	Nepal	Bishnu Dayal Singh	Government officials
Agricultural Development Bank, Regional Training Center Nepalgunj, Nepal	Nepal	Ganesh P. Timsina	Government officials
Ministry of Forests and Soil Conservation, Bulbule-7 Chabhill, P. O. Box: 5310, Kathmandu, Nepal	Nepal	Shyam K Paudel	Researcher

Name of Institute/enterprises	Country	Contact person	Position/Title
Department of Forest Research and Survey, Kathmandu	Nepal	Dhananjaya Lamichhane	Forest Research Officer
Alray International Institute and Kissy Computer Training Center,	Nepal	Yam Bahadur Thapa	Secretary
District Forest Office	Nepal	Kiran Nath Shrestha	District Forest Officer
Cash Crop Direction, Ministry of Agricultural Development	Niger	Mamane Adiza	Senior staff of the Ministry of cash crops
Agro-Resources Nig.Ltd	Nigeria	Eleojo Joseph Eguche	Engineering dispatcher
Yaba College of Technology, Lagos ,Nigeria	Nigeria	Sonuyi Bosun	PhD / lecturer
Yaba College of Technology, Lagos, PMB 2011	Nigeria	Folorunso Bola Adelekan	Teacher
Art Gallery, African Souvernirs & Crafts, Fashion & Gift Shop, No. 12 Iso Oqua St. Clalbar, Cross River State, Nigeria, P. O. Box 62, Calabar	Nigeria	Stella Bassey-eno	Entrepreneur
Cross River State Commission For Women, Nigeria	Nigeria	Mary Therese Agba	Government official
Federal Ministry of Environment Department of Forestry Utako Distric Abuja	Nigeria	Umar Hauwa	Principal Forest Officer
Federal Ministry of Environment Department of Forestry Utako Distric Abuja	Nigeria	Okolo Paulinus Ikechukwu	Assitant Chief Forest Suprintendent
Federal Ministry of Development Nigeria	Nigeria	Olabode Michael Abayomi	Senior Forest Officer
Federal ministry of environment, Forestry Department	Nigeria	Badru Muyideen Olaiyupo	Deputy Director Forestry
Ministry of Environment Forestry Department	Nigeria	Adebayo Alabi Ibrahim	Asst. Director of Forestry
University of Agriculture, Abeokuta, Ogun State Nigeria	Nigeria	Gabriel Marcharia	Lecturer
University of Agriculture, Abeokuta, Ogun State Nigeria	Nigeria	Gatiki Dedan Ndiritu	Lecturer

Name of Institute/enterprises	Country	Contact person	Position/Title
University of Agriculture, Abeokuta, Ogun State Nigeria	Nigeria	Olayanju Tajudeen Adeniyi	Professor
Department of Forestry Federal Ministry of Environment, Nigeria	Nigeria	Papka Peter Mamza	Director
Department of Forestry Federal Ministry of Environment, Nigeria	Nigeria	Yusuf Alibaba	Forestry Officer
Nigerian Bamboo & Rattan Association	Nigeria	Nuhu Bello Dogondaji	President
Punjab Forestry Research Center	Pakistan	Muhammad Afzal	Officer
Forest and Horticulture, New Murree Development Authority	Pakistan	Ather Mahmood Shah	Ph. D/ Deputy Commissioner
Ministry of Food Agri & Livestock	Pakistan	Ali Hasnain Raza	Section Officer of
Punjab Forest Department, 900c-Canal View Housing Society, Canal Bank, Lahore-Pakistan	Pakistan	Ather Mahmood Shah	Government official
PARC/NARC, Park Road Islamabad, Pakistan.	Pakistan	Mohammad Umar Farooq	Scientific Officer Range Management/Forestry.
Balochistan Forest & Wildlife Department, Quetta, Pakistan.	Pakistan	Muhammad Ibrahim	Executive District Officer, Forest & Wildlife, Killa Saifullah.
Papua New Guinea Forestry Research Institute	Papua New Guinea	Jim Mamun Amarea	Director / PhD
Scientific Officer Papua New Guinea Forestry Research Institute, Lae, Png	Papua New Guinea	Mathias Niangu	Government officials
Papua New Guinea Forest Authority Forest Development Directorate	Papua New Guinea	Simon Kolema	Coordinator Lowland Tree Plantation
Papua New Guinea Forest Research Institute	Papua New Guinea	Frank Asok	Wood Processing Technician
Instituto Nacional de Resource Naturales	Peru	Belvi Cáceres Rodríguez	Forestry engineer

Name of Institute/enterprises	Country	Contact person	Position/Title
Instituto Nacional de Inverstigacion and extension Agraria	Peru	Omar Dayan Quispe Sousa	Forestry researcher
National Institute of Agricultural	Peru	Jos éArtemio Gil Juscamaita	Forestry researcher
Bamboo Association of Peru	Peru	Silva Marcal Vitor Hugo	Professor of Architecture
Bamnu international Corporation	Philippines	Glenda E. Dagdag	Vice president / Ph.D
Department of Environment & Natural Resources of Philippines	Philippines	Myrna S. Decipulo	Senior Research Fellow / PhD
Pampanga Agricultural College	Philippines	Emmanuel C. Pangilinan	Research assistant / Bachelor of
Agricultural Training Institute, Department of Agriculture	Philippines	Khayang Luy Battad	PhD / Senior Agriculturist
Pampanga Agricultural College	Philippines	Rolando Q. Baccay	Dr. / Professor
Pampanga Agricultural College	Philippines	Menrado T. Gatan	Master / Lecturer
Pampanga Agriculture Collage, Kasoy St., San Agustin, Magalang, Pampanga, Philippines	Philippines	Emilio Sigua	Teacher
Tralac College of Agriculture, TCA Compound, Camiling, Tarlac 2306, Philippines	Philippines	Edmundo Baccay	Teacher
Pampanga Agricultural College , Kasoy St., PAC Compound, Magalang, Pampanga, Philippines	Philippines	Darwin Totaan	Teacher
Pampanga Agricultural College, Tamarind St. PAC, Magalang, Pampanga, Philippines	Philippines	Joel Maliwat	Teacher
Thorine St. PAC, Magalang, Pampanga, philippines	Philippines	Zosimo M. Battad	Teacher
Province of Benguet Office	Philippines	Fongwan Nestor B.	Governor
Local Government of Kapangan, Benguet	Philippines	Canuto Toberto K.	Provident-Mayors' League
DENR(Department of Environment and Natural	Philippines	Manalili Isagani Valiente	CENRO (Community Environment and Natural Resources Officer)

Name of Institute/enterprises	Country	Contact person	Position/Title
Resources) of the Philippines			
DENR(Department of Environment and Natural Resources) of the Philippines	Philippines	Leonila L. rosales	Forester 2
Landscape gardening, research institute for mountain forestry and forest ecology	Russia	Kostyuk Alla	Engineer
Gorgona Company, 136, Voykova Str., Rostov-on-Don,344033, Russia	Russia	Igor Vikhrov	Entrepreneur
ISAR Institut des Sciences Agronomiques du Rwanda	Rwanda	Ntirugurirwa Bonaventure	Researchers
Ministry of Natural Resources	Rwanda	Antoine Ngaboyisonga	Project Coordinator
Ministry of Natural Recourse, Rwanda	Rwanda	Johnson Luzibiza Nkuusi	Senior Officer
National Forestry Authority (NAFA) of the Ministry of Forestry and Mines (MINIFOM)	Rwanda	Munyansanga Frederic	Coordinator of China Aid Bamboo Project in Rwanda
RADA/MINAGRI	Rwanda	Olawale Dairo	In charge of Agriculture in Musanze district
Mugacy Technology Company (bamboo tooth pick factory)	Rwanda	Umuhoza Claudette	Technicienne sur terrain
Rwanda Natural Resources Authority/Ministry of Natural Resources	Rwanda	Muhayimana Janvier	Professional in charge of Forestry Extension
KIAKA Bamboo Furniture Company	Rwanda	Munyagisenyi Edward	Technician
KIAKA Bamboo Furniture Company	Rwanda	Ndagisimana Samson	Technician
KIAKA Bamboo Furniture Company	Rwanda	Neabandora Wensisras	Technician
KIAKA Bamboo Furniture Company	Rwanda	Musabyimana Picrne Ceastin	Technician
KIAKA Bamboo Furniture Company	Rwanda	Hakizimana Amtoime	Technician

Name of Institute/enterprises	Country	Contact person	Position/Title
Rwanda Wood Furniture Company	Rwanda	Abel Kwihangana	Technician
Rwanda Wood Furniture Company	Rwanda	Gerasi Ukwizabiggira	Technician
Kabuye Rice Company	Rwanda	Mwekesv Andie	Vice Chairman
Kabuye Rice Company	Rwanda	Habvmvgishg Innocent	Chairman
Rwanda Bamboo Society	Rwanda	Havugiyaremye Metusela	Technician
Rwanda Bamboo Society	Rwanda	Rugipamangi Uinent	Technician
Rwanda Bamboo Society	Rwanda	Rugialagamuo Jisel	Technician
Rwanda Ecology Organization	Rwanda	Ncaboslonca Awtoime	Engineer
Rwanda Bamboo Society	Rwanda	Kampire Rose Mary	Technician
Rwanda Ecology Organization	Rwanda	Rutihunza Gaspard	Technician
KIAKA Bamboo Furniture Company	Rwanda	Bazaseb Jacqueline	Technician
KIAKA Bamboo Furniture Company	Rwanda	Ruzigamanzi Vincent	Technician
KIAKA Bamboo Furniture Company	Rwanda	Dushimirimana Rene	Technician
KIAKA Bamboo Furniture Company	Rwanda	Havugimana Jean Nepo	Technician
KIAKA Bamboo Furniture Company	Rwanda	Habumugisha Innocent	Technician
Rwanda Wood Furniture Company	Rwanda	Bareberaho Felicien	Technician
Rwanda Wood Furniture Company	Rwanda	Mudaheranwa Edouard	Technician
Kabuye Rice Company	Rwanda	Ahorukomeye Jean Claude	Vice Chairman
Kabuye Rice Company	Rwanda	Mukashyaka Concessa	Chairman
Rwanda Bamboo Society	Rwanda	Mukantabana Ann Marie	Technician
Rwanda Bamboo Society	Rwanda	Niyindengera Theodette	Technician
Rwanda Bamboo Society	Rwanda	Icimpaye Marcelline	Technician
Rwanda Ecology Organization	Rwanda	Rufuku Emmanuel	Engineer

Name of Institute/enterprises	Country	Contact person	Position/Title
Rwanda Bamboo Society	Rwanda	Mukagatare Placidie	Technician
Rwanda Ecology Organization	Rwanda	Dusabe Vedaste	Technician
Rwanda Bamboo Society	Rwanda	Mukabizumungu Athanasie	Technician
Rwanda Bamboo Society	Rwanda	Habirana Cyrien	Technician
Rwanda Bamboo Society	Rwanda	Niyobuhungrio Innocent	Vice Chairman
Rwanda Bamboo Society	Rwanda	Sebanani Pheneas	Chairman
Rwanda Bamboo Society	Rwanda	Rukarugwiza Venansiya	Technician
Rwanda Bamboo Society	Rwanda	Byilingiro Bernard	Technician
Rwanda Bamboo Society	Rwanda	Ntakiyirana J.D	Technician
Rwanda Ecology Organization	Rwanda	Ngaboyisonga Antoine	Engineer
Rwanda Bamboo Society	Rwanda	Uwingabire Rukabieirongu	Technician
Rwanda Ecology Organization	Rwanda	Ngirabakunzi Thadee	Technician
Rwanda Ecology Organization	Rwanda	Ruzibiza Emmanuel	Technician
P. O. Box 1094, Apia, Samoa	Samoa	Faith Ah Wa	Entrepreneur
Matuaileoo Environment Trust Inc. (METI), Samoa	Samoa	Aldora Wulf	Agriculture Officer
Self Employed	Samoa	Aleni Teo	Farmer
Ministry of Agriculture and Fisheries	Samoa	Faaiuga Tavita	Tissue culture officer
Forestry Division-Ministry of Natural Resources and Environment	Samoa	Maturo Paniani	Assistant Chief Executive Officer
Ministry of Natural Resources and Environment Forestry Division	Samoa	Ilalio Tuanai	Forestry Field Assistance Officer
Ministry of Natural Resources and Enviroment Forestry Division	Samoa	Peteli Pese	Forestry Officer
Ministry of Agriculture (MAF)	Samoa	Anesone Aisoli Vaai	Agronomist (Crops research officer)
Ministry of Forestry of Samoa	Samoa	Fredrick Strickson	Senior Forestry Research Officer
Ministry of Forestry of Samoa	Samoa	Inos Whybold	Samoa Forestry Field Assistant
Asau Forestry of Samoa	Samoa	Micky Coney	Samoa Community Forestry

Name of Institute/enterprises	Country	Contact person	Position/Title
			Assistant
Business Women	Samooja	Iokapeta Ah Kiong	Businessman
Ministry of Natural Resources, Environment of Meteorology	Samooja	Tuuau Letaulau	Senior Forestry Officer
Agriculture Professional Trainer Center	Senegal	Amadou Seck Thiombane	Supervisor
bamboo forestry in Senegal, Toubacouta Casamance	Senegal	Abdoul Badara Dièdhiou	Field worker
Student University	Senegal	Inaelle Badiane	Student
Bamboo college Senegal	Senegal	Jean Phillippe Badiane	President
Ministry of Agriculture	Senegal	Modou Fall Thioune	Trainer Responsible
Ministry of Environment and Natural Protection	Senegal	Sangare Mamadou	Head of Environment Division
Agriculture Ministry, Bureau Formation/P-CPPF	Senegal	Alghassim Ba	Seminaries, Administrateur Delegue
The Association of Forestry, Serbian Chamber of Commerce	Serbia	Jelena Markovic	Engineer
Government secondary school Kenema, Sierra Leone	Serra Leone	Joseph Ambrose Ganda	Senior Teacher
National Institute For Vocatonal Studies	Serra Leone	Isheaka Aruna Gbla	Acting Vice_Principle And Director Of Studies
Environment Department of Seychelles	Seychelles	Eric Marc Sophola	Senior official
Environment Department of Seychelles	Seychelles	Nicole Josette Marie	Gardens, director
Supervisor at the Botanical garden.	Seychelles	Donatien Madeleine	Botanic Gardens management technician
Supervisor at the Botanical garden.	Seychelles	Tony Jean-Paul Mondon	Botanic Gardens management craft
Ministry of Environment and Natural Resources	Seychelles	Marie-France Bouzin	Officer
Ministry of Environment and Natural Resources	Seychelles	Nevill Dick	Officer
Small Enterprise Promotion Agency (SenPA)	Seychelles	Bary Assary	Manager of Production and Events
Ministry of Education	Seychelles	Guy Sabury	
Ministry of Education	Seychelles	Raymond Lewis Jumaye	Teacher/Diploma 2 in secondary education

Name of Institute/enterprises	Country	Contact person	Position/Title
National Botanical Gardens Foundation	Seychelles	Marie-France Bouzin	Senior Horticultural Assistant
Officier des horticulture	Seychelles	Bouzin Marie-France	La fondation du jardin national
Assistant des Horticulture	Seychelles	Dodin Terence	La fondation de jardin national
Assistant des Horticulture	Seychelles	Francois Collin	La Fondation De Jardin National
Alryay International Institute and Kissy Computer Training Center	Sierra Leone	Augusta Decker	Secretary
Ministry of Trade and Industry	Sierra Leone	Adamski Ahmed Tejanbanura	clerk
Ministry of Trade and Industry	Sierra Leone	Harding I. M. Swaray	Officer
Ministry of Agriculture ;Forestry and Food Security	Sierra Leone	Bewoh Eddie Laya	Agricultural Officer
Ministry of Agriculture; Forestry and Food Security	Sierra Leone	Nominous M. S. Kargbo	Training Officer
Njala University Bo Campus	Sierra Leone	Ernest Richard Wandoh	Lecturer
Njala University Bo Campus	Sierra Leone	James Kenei Lansana	Lecturer
Ministry of Agriculture Forestry and Food Security Forestry Division	Sierra Leone	Mbaimba Conteh	District Forest Officer
Ministry of Agriculture Forestry and Food Security Forestry Division	Sierra Leone	Samuel Joe Sevalie Pessima	Forest Officer
Ministry of Trade and Industry	Sierra Leone	Aina Oluseyi Marcus	Deputy Director of Domestic Commerce
Ministry of Trade and Industry	Sierra Leone	Philomene Mukabavuna	Auditor
Industrial Technology Institute No. 363, Baudhdhaloka Mawatha, Colombo 07, Sri Lanka	Sri Lanka	L. A. M. N. Pushpaku-mara	Researchers
Urban Development Authority, 7th floor, Sethsripaya, Battaramulia, Sri Lanka	Sri Lanka	Wimal Lokuliyana	Government officials

Name of Institute/enterprises	Country	Contact person	Position/Title
Environment & Landscape Division Urban Development Authority , Sethsiripaya Battaramulla Sri Lanka	Sri Lanka	Chinthaka Jayakody	Project Officer
Industrial Technology Institute of Sri Lanka, 363, Bauddhaloka Mawatha, Colombo 07, Sri Lanka	Sri Lanka	Shanthi Illangasing-he	Project Officer
Industrial Development Board of Ceylon, 615, Galle Road, Katubedda, Moratuwa, Sri Lanka	Sri Lanka	T. H. T. T. Perera	Government official
18, Asoka Mawatha, Jayanthipura, Battaramulla, Sri Lanka	Sri Lanka	A. W. A. Jayasoriya	Government official
National Crafts Council , Ministry of Vocational Training and Rural Industry, P. O. Box:16, Gramodaya Folk Art Center, Battaramulla, Sri Lanka	Sri Lanka	Saman Madalakanda	Project Officer
Royal Botanic Gardens, Peradewiya Sri Lanka	Sri Lanka	S A Krishnarajah	Researcher
Sri Lanka Handicraft Board, Colombo, Sri Lanka	Sri Lanka	I. C. Jayanthi	Government official
Agricultural Research Center of Sudan	Sudan	Wisal Ahmed Abd Elhadi Osman	Senior Research Fellow / PhD
Zenhb Org. for Development	Sudan	Wigdan Ahmed Alkhawad Jad Allah	Project Manager
Agricultural Research Corporation	Sudan	Mohammed Awad Ali Yousif	Research Assistant
Commission for Biotechnology & Genetic Engineering, Ministry of Science & Technology	Sudan	Hussien Mohamed Daffalla	Technical staff
Forestry Research Center, Sudan – Khartoum, Forestry Research Center – Soba, P. O. Box 7089	Sudan	Atef Mohammed Ahmed Alhedy	Researchers
Forests National Corporation P. O. Box 658, Khartoum	Sudan	Sarra Mohamed Elmubark	Government official

Name of Institute/enterprises	Country	Contact person	Position/Title
Sudan			
Forests National Corporation , P. O. Box 658, Khartoum Sudan	Sudan	Ali Yassin Fagier	Government official
National Forest Cooperation,Khartoum	Sudan	Abubaker Abdelwahab Elmahimadawy	Forest Extention
forest national corporation,khartoum ,sudan	Sudan	Nada Ibrahim Mohamed Abdalrahim	extention officer,forest inspector
Forest National Cooperation,Khartoum	Sudan	Nagla Mirghani Mohammad Abdelsalam	Forest Extention Officer
Forest National Cooperation,Khartoum	Sudan	Tarig Abdelaziz Seedahmed Mohammed Ahmed	Forest Inspector Officer
Forest National Corporation	Sudan	Khadiga Mohamed Elhassan Mohamed Gibreel	Forestry inspector
Forest National Corporation	Sudan	Nada Ibrahim Mohamed	Forest inspector
Ministry of Agriculture and Forests	Sudan	Khadiga Mohamed	Forestry inspector
Forest National Corporation	Sudan	Nada Ibrahim Mohamed	Forestry inspector
Aquapassion	Surinam	Pascal Andr é Tjong-A-Hung	Entrepreneurs
Standard checking department, Ministry of Industry	Syria	Muna Amer	BA / CP
Migesado	Tanzania	Gideon R. Massaka	Expert
Marketing&design coordinator on bamboo product in Tanzania	Tanzania	Robert Enock Mwalongo	Marketing Designer
Ministry of Natural Resources and Tourism	Tanzania	Daniel Mmary	Professor
Ministry of Agriculture, Food and Cooperatives	Tanzania	Urban B. Kalimba	Agriculture officials
Tanzania Forestry Research Institute	Tanzania	Elifuraha Elisha	Official of the Forestry Research
Tanzania Forestry Research	Tanzania	Francis Faustine	Official of the Forestry

Name of Institute/enterprises	Country	Contact person	Position/Title
Institute		Laswai	Research
Isongongule Bamboo Community Society(IBCS)	Tanzania	Robert Enock Mwalongo	Salesman / designer
Forest Industries Training Institute, Ministry of Natural Resources and Tourism	Tanzania	Daniel N. Mmary	Lecturer
Tanzania Forestry Research Institute, Timber Utilisation Research Center, P. O. Box: 10, Moshi, Tanzania	Tanzania	Revocatus Petro	Researchers
Tanzania Forestry Research Institute P. O. Box 1854, Morogoro, Tanzania	Tanzania	Alex Chihongo	Researchers
Ministry of Water & Livestock Development, P. O. Box:9153, Dar ES Salam, Tanzania	Tanzania	Joseph Andrew Lubiloh	Government official
Iringa Water Supply and Sewerage Authority, P. O. Box: 570, Iringa, Tanzania	Tanzania	Daudi Patrick Majani	Government official
Panason Enterprises 2000co, Alternatives Energy & Environment Conservation	Tanzania	Herberth Tle Rate Kaishe	managing director
IBSC	Tanzania	Robert Enock Mwalon Go	Marketing & Design Coordinator
TADEFA_ Youth, The Greenlife Network	Tanzania	David Joseph Djumbe	Project Coordinator, Chairperson
JIAJIRI – The Greenlife Network	Tanzania	David Joseph Djumbe	Chairperson
Panason Enterprise 2000 Co.	Tanzania	Herberth Tolerate Kaishe	managing director
Mufindi District Council	Tanzania	Jeswald Gustav Ubisimbali	District Forest Officer
Ministry of Agriculture, Livestock and Environment - Zanzibar Department of Commercial Crops, Fruits and Forestry	Tanzania	Tahir Abbas Haji	Forest Officer

Name of Institute/enterprises	Country	Contact person	Position/Title
Ministry of Agriculture, Livestock and Environment-Zanzibar Department of Commercial Crops, Fruits and Forestry	Tanzania	Abdullah Idris Hassan	Forest Sector Development Manager-Pemba
Naresuan University	Thailand	Wipa Homhaul	PhD / lecturer
Horticulture Research Institute, Department of Agriculture, Ministry of Agriculture and Cooperative, Thailand	Thailand	Satja Prasongsap	Master / officials
Department of Agricultural Extension, 3/100 Phracharaj Bampheng, Hukhang,	Thailand	Nipat Sivatintugo	Government officials
Samutsakorn Agricultural Occupation Promotion and Development Center, No. 39 Tumbon Thamai, Ampur Kratumban, Samutsakon Province	Thailand	Paisit Gassathit	Government officials
Yala Agricultural Occupation Promotion and Development Center, 118 Purong Sub. Distric, Krungpenung Distric, Yala Province, Thailand	Thailand	Winai Sangsugi	Government officials
Silvicultural Research Division Forest Research Office, Royal Forest Department, Ministry of Agriculture and Cooperative, 256 Amorndet Road Paknam, Maung samutprakaru	Thailand	Supparat Samran	Government officials
Nongkhai Horticultural, Research Center, Phonpisai, Nongkhai, Thailand	Thailand	Rakchai Kurubunjer-djit	Researchers
Chiangmai Provincial Agriculture Extension Office, Department of Agriculture Extension, Chotana Road, Muang district, Chiangmai, Thailand	Thailand	Montri Thonqnqam	Researcher

Name of Institute/enterprises	Country	Contact person	Position/Title
Department of Agricultural Extension Horticultural Division, Industrial-tree Sbudivision, 181/2 Pahonyothin Rd., Anusawaree, Bangkhen 10220, Bangkok, Thailand	Thailand	Kissana Tancharoen	Government official
Industrial Tree Crop Sub-division, Department of Agrucultural Extension, Ministry of Agriculture and Cooperation, Chathuchak, Bankok 10900, Thailand	Thailand	Supanart Ketcharoen	Government official
Royal Project Foundation, 65 Sethep Rd., Chiang Mai 50200, Thailand	Thailand	Kittisak Jindawong	Government official
Kasetsart University, Dept. of Horticulture, Faculty of Agriculture, 347 Ramintra 61 Bangkhen, Bangkok, 10230, Thailand	Thailand	Parson S	Teacher
R. & D. Institute fo rAgri. System under Adverse Conditions (IASAC), Kasetsart University, Bangkok 10900, Thailand	Thailand	Charun Henpithaksa	Teacher
Dept. of Silviculture Faculty of Forestry Kasetsart University, Bangkok 10900, Thailand	Thailand	Damrong Pipatwattanakul	Government official
Plant Science Department, Rajamongkala Inst. Of tech. Pathumtani Campus, Thailand 12130	Thailand	Ratchta Fonwitowat	Government official
Department of Silviculture. Faculty of Forestry, Kasetsart University, Bangkok 10900, Thailand	Thailand	Teera Veenin	Researcher
Ministry of Agriculture and fisheries	Timor Leste	Fernando Casimiro Da Araujo	Technical of Division Of Reforestetion and Soil Conservation
Ministry of Agriculture and	Timor	Joao Antalmo	Chief of Forest Production

Name of Institute/enterprises	Country	Contact person	Position/Title
fisheries	Leste	Ferreira	and Utilization
Ministry of Forestry	Tonga	Sione Nokisi Nau	Forestry Assistant
Ministry of Agriculture, Forests and Fisheries	Tonga	Halamehi Latu	Technical Officer
M. A. F Forestry Division, P. O. Box: 14, Nukualofa, Kingdom of Tonga, South Pacific Island	Tonga	Ketoni Akauola	Government official
Forestry Research & Application Center in KTU	Turkey	Mustafa.VAR	Prof / Ph.D
Uplift the Rural Poor Project	Uganda	Tumwesigye Edison	Promoter
Uganda Industrial Research Institute	Uganda	Paul Otto	Researchers / Bachelor of
Extension worker bamboo groups	Uganda	Kwitonda David	Extension worker
Uplift the Rural Poor Project (URP)	Uganda	Francis Mbarushimana	Extension worker
Wood processing technician /Technologist	Uganda	Uwachgiu Raymond	Technical staff
Laboratory Technologist, Uganda Industrial Research Institute	Uganda	Ratibu Asuman	Research, technician
Uplift the Rural Poor Project (URP)	Uganda	Kabihogo Beatrice	Team leader
Electrical Engineering Department, Uganda Industrial Research Institute (UIRI), Ministry of Tourism, Trade and Industry	Uganda	Patrick Ojok	Researcher / director
P. O. Box 153 or 558, Mbale, Uganda, E. Africa	Uganda	Felicitas Magomu	Government official
Kisoro District Farmers Association, P. O. Box 184 or 22	Uganda	Harriet Nyiramutuzo Nzaba	Government official
Uganda Industrial Research Institute (UIRI)	Uganda	Christine Mwanja	Research Officer
Uganda Industrial Research Institute (UIRI)	Uganda	Davis Bagamuhunda Bariho	Research Officer
Uganda Industrial Research Institute	Uganda	Julius Turyamwijuka	Industrial Chemist
Uganda Industrial Research Institute	Uganda	Dickens Onyong	Carpenter

Name of Institute/enterprises	Country	Contact person	Position/Title
Uplift the Rural Poor project (URP)	Uganda	Turyomurugyendo Hans Mbarubukeye	Field Officer
National Forestry Authority	Uganda	Obed Geoffrey Tugumisirize	Plantation Development Specialist
Manafwa Distric Local Government	Uganda	Samson Masoboni	Agricultural officer
Mbale District Local government	Uganda	Ayo Angella Nagudi	Agricultural officer
National Forestry Authority	Uganda	Larvai Christian Sumaila	Community Tree Planting Projects Manager
National Forestry Authority	Uganda	Kargbo Ernest T.	Senior Manager
Ministry of Water and Environment	Uganda	Nabugere M. Flavia	Minister of State for Environment
Ministry of Water and Environment	Uganda	Najjuma Christine Nurahssegawa	Senior assistant secretary, personal assistant to minister
Uganda Industrial Research Institute	Uganda	Kwesiga Charles Guy	Executive director
Uganda Industrial Research Institute	Uganda	Sunday Ombala	Workshop attendant
Uganda Industrial Research Institute	Uganda	Wilson Shiondo	Ass. Technician
Leboter	Uruguay	Maximiliano Ramos De Leon	Entrepreneurs / Bachelor of
Udelar, Uruguay State University Architecture Faculty	Uruguay	Nicolás Fabian Mannise Gonzalez	Assistant Professor
Uruguay Republic University	Uruguay	Irene Battagliano Llobet	Professor
Industrial Design Institute (CDI), Faculty of Architecture (UDELAR)	Uruguay	Katia Sei Fong	Graduated industrial designer architecture student
Lucia Venturini	Uruguay	Lucia Venturini	Industrial designer (designer in charge)
Sadisol S.A.	Uruguay	Mora Tello Manuel Mauricio	Industrial Designer
Republic University School Design Centre	Uruguay	Lagunes Castro Williams	Industrial designer/Professor
Department of Forests, MAQFF, Port Vila, Vanuatu	Vanuatu	Judy-Daing Kalotap	Forest Officer
Ministry of Agriculture and Land of Venanzuela	Venezuela	Asdrubal Ostos Ramirez	Crop expert

Name of Institute/enterprises	Country	Contact person	Position/Title
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Vietnam Forestry University	Vietnam	Vu Van Dinh	University teacher
silviculture Department of Viet Nam Forestry University	Vietnam	Hoang Kim Nghia	Teacher
Forest Science Institute of Viet Nam	Vietnam	Hoang Van Phong	Researcher
Urban Forestry Department of Viet Nam Forestry University	Vietnam	Pham Hoang Phi	Teacher
Forest Science Institute of Viet Nam	Vietnam	Vu Van Thu	Researcher
Forest Science Institute of Viet Nam	Vietnam	Vu Tat Dat	Researchers
Forest Science Institute of Viet Nam	Vietnam	Nguyen Thanh Tung	Researchers
Silvicultural Techniques Research Division, Forest Science Institute of Viet Nam	Vietnam	Nguyen Thanh Son	Researchers
Research on resource of plant, Forest Science Institute of Viet Nam	Vietnam	Le quy thang	Researchers
Forest Science Institute of Vietnam	Vietnam	Cam Tu Lan	Master / researchers
Forest Research Center of Vietnam, Bai Bang, Phu Tho Province, Vietnam	Vietnam	Nguyen Tuan Hao	Researchers
Forest Seed Enterprise of Northeast Region 246 Tran Quang Khai Street, Chi Lang	Vietnam	Nguyen Manh Tuong	Entrepreneur

Name of Institute/enterprises	Country	Contact person	Position/Title
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Forestry Science Institute of Vietnam	Vietnam	Le Van Thanh	Teacher
Forestry University of Vietnam Hatay Province of Vietnam	Vietnam	Pham Van Chuong	Teacher
Silviculture Faculty–Forestry University of Vietnam, Xvan mai_ Chuongmy_Ha tay_Vietnam	Vietnam	Le Xuan Truong	Teacher
Forest Plant Resource Research Division, Forest Science Institute of Vietnam	Vietnam	Le Viet Lam	Teacher
Agriculture & Rural Development Department of CAO BANG Province Vietnam	Vietnam	Vi Thanh Hien	Government official
Environment & Technical Science Department of CAO BANG Province of Vietnam , Forest Plant Resource Research Division, Forest Science Institute of Vietnam	Vietnam	Nong Thanh Man	Government official
Lecture Research on Silviculture, Afforestation in Forestry University of Vietnam, Xuan Mai, Ha Tay Vietnam	Vietnam	Le Xuan Truong	Teacher
Lectures and Research on Silviculture-Afforestation, Forestry University, Xuan mai-Chuong My - Ha Tay, Vietnam	Vietnam	Pham Thi Huyen	Teacher
Central Forest Seed Company , 62 Cua Dien Town, Tuliem, Hanoi, Vietnam	Vietnam	Nguyen Xuan Lieu	Government official
Research Center for Forest Tree Improvement, Forest	Vietnam	Ngo Thi Minh Duyen	Researcher

Name of Institute/enterprises	Country	Contact person	Position/Title
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Research Center for Forest Tree Improvement, Forest Science Institute of Vietnam, Chem-tu Liem-Hanoi, Vietnam	Vietnam	Doan Thi Mai	Researcher
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Northern Mountainous Agriculture Forestry Science Institute	Vietnam	Nguyen Ngoc Linh	Researcher
Forest science institute of Viet Nam	Vietnam	Hoang Thanh Son	Researcher
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Forest Science Institute of Vietnam	Vietnam	Xuan Trung Tong	
Forest Science Institute of Vietnam	Vietnam	Nguyen Thanh Son	Researcher
Northern Mountainous Agriculture and Forestry Science Institute	Vietnam	Nguyen Van Chung	Researcher
Ministry of Agriculture and Rural Development	Vietnam	Hua Duc Nhi	Vice Minister
Forest Development Department, Ministry of Agriculture and Rural Development	Vietnam	Nguyen Huu Thien	Vice director
Ministry of Agriculture and Rural Development	Vietnam	Nguyen Thanh Tung	Programmer Officer
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Name of Institute/enterprises	Country	Contact person	Position/Title
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Project Manager Jogore company	Zambia	Godfrey Mwenya	Engineering administrator
Programms Manager ICOZ	Zambia	Yotamu Daka	Project Manager
Teacher –(MMD Secretariat)	Zambia	Kalobwe Hendrico	Teacher
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Ministry of Education-Mukinge	Zambia	Vernon Chiilimunda	Teacher
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Name of Institute/enterprises	Country	Contact person	Position/Title
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MMD (Movement for Multparty Democracy)	Zambia	Milimo Solid	Vice youth secretary Kabulonga ward 16 Lusaka Central
Agriculture Research and Extension Services	Zimbabwe	Nyaradzai Mercy Takawira	Researchers / Bachelor of
Agriculture Research and Extension	Zimbabwe	Tapiwa Joyce Chitakunye	Researchers / Bachelor of
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Ministry of Industry and International Trade	Zimbabwe	Shingirayi Owen Mareya	Senior Economist
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Chaminuka Training College, Zimbabwe	Zimbabwe	Eliphas Muronza	Lecturer
Kaguvi Training Center, Zimbabwe	Zimbabwe	Pauline Tsikira	Lecturer
Agricultural Technical and Extension Services- AGRITEX	Zimbabwe	Dorah Mwenye	Principal Agricultural Extension Specialist- Agroforestry
Department of Agricultural Technical and Extension Services(AGRITEX)	Zimbabwe	Bongani Lloyd Makwena	Principal Training Specialist

T03.2 Trainees will use learned technologies to promote their bamboo development

With the features of fast growing, short cycle, high yield, wide use and a combination of economic, social and ecological benefits, bamboo is now widely acknowledged as an excellent resource for environment protection and socio-economic sustainable development. China is reputed as the “Bamboo Kingdom” worldwide. China bamboo industry is recognized the most advanced in bamboo sector and has formed a green sun rising industry, and now is taking lead in the world in bamboo’s research, exploitation, production, and management, etc. As the unique and most professional bamboo research institute in China, CBRC has accumulated rich experiences not only in bamboo but also in China foreign aid human resources training of bamboo since the 90s of the 20th century. After the bamboo technology training in CBRC, many trainees have realized the importance of boosting bamboo industry in their own countries, and have tried their best to communicate the local famers, governments, enterprises etc., and great achievements have been achieved.

Great efforts from the participants of the five RLOs are specially outstanding: for example, we have set up cooperation with Rwanda on bamboo processing, plantation and water and soil preservation; in Uganda, we have already had the personnel training, bamboo plantation set-up, and processing; in India, the cooperation has already headed for bamboo charcoal and bamboo active charcoal producing, and bamboo plywood manufacturing; in Mexico, a MOU has been signed for water and soil preservation with bamboo plantation and bamboo shoot processing, etc. In Asia, the participants are also trying their best to make the bamboo industry a promising future in their own countries: in Vietnam, the artistic designing of bamboo handicrafts and bamboo products for the market is now the focus of their plan; in Indonesia, Laos, and the Philippines, bamboo plantation has been taken for preventing soil erosion and water preservation, and bamboo forest is regarded as the raw material for industrialization in the countries. In south Pacific, like Fiji, personnel training on bamboo technology is be in urgent need. Now, there are continuous requirements of technological cooperation of CBRC and other developing

countries for different purposes. The efforts made by the participants from Argentina can be regarded as the model to follow.

Between 2010 and 2011, Maria Emilia Caro and Ana Maria Castro, two participants trained of bamboo technology in CBRC, organized 9 training courses and gave 5 specialized classes, including: Natural Bamboo Forests, Bamboo Shoot, Bamboo material for designers, Sustainable Management of Natural Bamboo Forests, Bamboo preservation and post harvest techniques, Bamboo Construction, etc. They have already made outstanding contribution to the bamboo industry development in Argentina (see T02.3.2). A trend of planting bamboo, utilizing bamboo for different purposes is now in vogue in Argentina.

It is no wonder to say that bamboo industry is a “sunrising industry” in the 21st century. The bamboo technology training has changed people’s concept about this plant and its potential, but the most important is that it has already altered their traditional attitudes and methods towards bamboo industry and the way to develop it for a better life and better world for them and future generation. Due to the achievements and impacts of bamboo technology training sponsored by MOFCOM and organized by CBRC, inspired and catalysed by “On-line Net-based Training on Bamboo Technology” project funded by Perez-Guerrero Trust Fund, in 2012, CBRC is authorized by MOFCOM to organize 5 bamboo training courses/seminar on various topics, which is in fact an incubator for promoting other projects.



CBRC's Headquarters

国家林业局竹子研究开发中心
China National Bamboo Research Center

China National Bamboo Research Center (CBRC) was co-established by State Administration of Forestry (SAF) , P.R. China and Zhejiang Provincial Government. It has 3 Missions as enshrined by the Ministry of Science and Technology (MOST) and SAF: (a). Bamboo's R. & D. ; (b). International exchange, cooperation and personnel training; and (c). Bamboo's industrialization.

Since early 1990's, CBRC has been holding with great success over 30 training workshops entrusted by the Ministry of Commerce, P.R. China , United Nations Development Program (UNDP), United Nations Industry Development Organization (UNIDO), India government, etc., and around 950 participants from 82 countries well trained, which makes a great contribution to promotion of world bamboo development and cooperation between developing countries and China.

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