

## Conference

**Short rotation forestry and Agroforestry: an exchange of experience between CDM countries and Europe**

**20 – 22 June 2011 Barolo, Italy**

## Seminar

**How to participate in modern information networks on agriculture and renewable energy.**

**17 June 2011 Budapest, Hungary**





# Speakers



## Dr Jose Shibu

H.E. Garrett Endowed Chair Professor of Applied Ecology and Agroforestry and Director of the Center for Agroforestry at the University of Missouri, USA. His current research is on ecological sustainability, the ecosystem of agroforestry and mixed species biomass plantations and ecosystem restoration.

## Mr Wojtek Galinski

Team leader of the Methodologies Unit of Sustainable Development Mechanisms at the United Nations Framework Convention on Climate Change (UNFCCC).

## Dr. Avtar Singh

Professor at Kumaon University, India. 24 years of experience in the field of forestry and agroforestry. Pioneer in agroforestry, production crops under tree plantations (tree-crop interaction). Founder of "PAU Tree Growers Association" for the dissemination of information to farmers.

## Dr M.P. Divya

Assoc. Prof. at the Forest College and Research Institute, Tamilnadu Agricultural University, India. 16 years of experience as a specialist in agroforestry.

## Dr Zhang Caihong

Professor at the Beijing Forestry University, China. Research experience in the field of woody oil and bioenergy plants, mechanisms of exploitation and utilization potential in China.

## Ms Genevieve Lamond

Consultant at World Agroforestry Center (ICRAF) and a researcher at the Bangor University, UK. Her work focuses on local agro-ecological knowledge of coffee agroforestry in East Africa, Central America and the Western Ghats in India, and short rotation forestry in a developing country context.

## Prof. Jianmin Chang

Director of Institute of Wood based Material Science and Engineering at the Beijing Forestry University, China. He is engaged in biomass materials, energy thermal engineering, thermal chemical conversion of biomass and products efficient use, economics and policy of biomass resources and bioenergy.

## Diego de Paula Toledo

Developed studies on the quantification of biomass and carbon stocks of forest oilseeds species used in biodiesel production. Developed briquettes from waste from forest species oil extraction. (Brazil)

## Mr Georg von Wuehlisch

Researcher at Institute for Forest Genetics, Germany. Works in the area of genetics for sustainable forestry.

## Dr Asia Khamzina

Junior researcher at the University of Bonn, Germany. 10 years of experience in research and project development in the ecologically challenged Aral Sea Area (Uzbekistan and Karakalpakstan). Her main research focuses on dryland agroforestry, restoration of degraded agro-ecosystems and the adaptation to climate change, tree growth modelling and economics of small-scale forests.

## Mr Jagdish Chander

Chief Conservator of Forests at Research & Wildlife in Haryana State, India. He is responsible for ensuring tree improvement and the implementation of agroforestry. 20 years of experience in the area of conservation and protection of biological diversity of forests and wildlife.

## Dr Sylvestre Njakou Djomo

Researcher at the University of Antwerp, Belgium. His work is focused on the life-cycle assessment of bioenergy systems, land use changes, bioenergy from short rotation crops and renewable energy resources.

## Dr. Rajeshwar S. Chandel

General Secretary of a non government organization 'Youth for Sustainable Development'. His focus is on ensuring the role of youth in rural development and the environmental conservation of mountainous eco systems. He works also as a Residue Analyst in the Department of Entomology and Apiculture of Dr. Y.S. Parmar University of Horticulture and Forestry.

## Christiane Helbig

Junior researcher at the Chair of Forest Protection of Dresden University of Technology, Germany. She has been working on 3 projects (AGROWOOD, CultPop and AgroForNet) dealing with the establishment and management of short rotation coppice. She investigates the influence of biotic risk factors on short rotation coppice with special regard to insects.

## Prof. K S Verma

Director of Environmental Science department at Dr Y.S. Parmar University of Horticulture & Forestry, India. 24 years of experience in the field of forestry, agroforestry and environmental science. 14 years of service as a Deputy Coordinator/Coordinator of the research group on short rotation forestry within the International Union of forest Research Organization.

## Dr K.T. Parthiban

Assoc.Prof. at the Tamilnadu Agricultural University, India. His work is concentrated on tropical tree species in the areas of timber, industrial wood and bioenergy species. He designed and introduced a quad-partite model contract tree farming system which enhanced production within agroforestry system and increased employment and income.

## Dr S. Umesh Kanna

Assoc.Prof. at Forest and Research Institute, Tamil Nadu Agricultural University, India.



# What was important to us when designing this conference:



The conference will address different topics within the Short Rotation Forestry (SRF) and Agroforestry cycle: choosing the site; preparing the soil; genetic material and plant selection; planting material; planting; interaction with eco-systems; risks; cultivation and maintenance; nutrients and soil; harvesting; transport and storage; utilisation of the wood; recirculation to cropland; economic and financial issues; agroforestry; carbon sequestration by SRF; local systems; organic farming; area conflicts regarding food and energy production.

## 1) Meet scientists from developing countries

This is a special opportunity to meet in Europe many scientists from CDM countries (developing countries) specialised in short rotation forestry and agroforestry: a majority come from India but as well China, Brazil, Africa are represented. In addition there are speakers from the USA and from Europe.

## 2) Comprehensive portfolio of topics in SRF

The speeches have been selected all other than randomly according to the common structure (above) which is expected to represent the most important issues regarding SRF.

## 3) Research Agenda on SRF

Listen to the presentation on a draft version of a Research Agenda on core research questions regarding SRF. Participate in the discussion and contribute your comments on the final version.

## 4) Project developers' guidelines

Listen to the presentation on a draft version of Project developers' guidelines regarding SRF projects. Participate in the discussion and contribute your comments on the final version.

## 5) Have an insight into Europe's leading poplar breeder activities

The event is held near the production site of Europe's leading poplar breeder, Alasia New Clones (ANC). The field trip is on the production site of ANC.

## 6) Enjoy the ambience of Northern Italy

Barolo is one of the most famous wine regions of northern Italy. You will have the possibility after the programme to enjoy the countryside with its vineyards and also participate in a wine tasting during the networking dinner. The meeting is held at Marchesi di Barolo, a medium size winery with a long history of wine making, overlooking the castle of the Marquis Falletti.





# Conference programme



## Day 1: Presentation session 9.00 – 17.30

1. Modern poplar breeding in Europe, the perspective of a private breeder - Alasia New Clones
2. Casuarina clone based profitable business agroforestry models for Tamil Nadu - Dr M.P.Divya
3. Environmental and financial viability of CDM afforestation in dryland Uzbekistan - Dr Asia Khamzina
4. Turning to arid areas for short rotation forestry: the case of indigenous *Melia volkensii* plantations in Kenya – Ms Genevieve Lamond
5. *Melia dubia* as a potential species for agroforestry in diverse climatic and geographical conditions of Haryana, India – Jagdish Chander
6. Short rotation forestry- Production of biomass by raising eucalypt plantations on saline and sodic soils for bioenergy – Dr Avtar Singh
7. Fertilizer requirements of poplar and willow – Georg von Wuehlisch
8. Short rotation woody crops: Water and nutrient use and water quality concerns – Dr Jose Shibu
9. Insect pests in SRC in Germany – an overview of their effects, risk potential and control measures Ms Christiane Helbig
10. Appraisal of agroforestry land use systems prevalent on farmers' owned lands for their carbon sequestration potential in mid-himalayan region of Himachal Pradesh India - Dr Kartar S Verma

**Networking dinner (18.30)**

## Day 2: Presentation session 9.00 – 17.30

1. High value (non-thermal) utilization of wood from SRF - Prof. Jianmin Chang
2. Contract pulpwood farming – methods and impacts in supply chain – Dr K.T. Parthiban
3. Value addition of agroforestry plantation residues through briquetting technology for energy purpose Dr S Umesh Kanna
4. Resource potential and developing prospect of forest bioenergy in China - Prof. Zhang Caihong
5. Short rotation forestry: End-use conflicts and potential for positive outcomes in a developing country context – Ms Genevieve Lamond
6. Brazilian agroforestry systems - Mr Diego de Paula Tolêdo
7. System analysis of a coppice plantation with fast growing poplar clones for bioenergy production Mr Sylvestre Njakou Djomo
8. Current Research Needs on Afforestation and Reforestation within the Kyoto Protocol (pres. + discussion) – Mr Wojciech Galinski
8. Presentation of the Benwood project results:
  - Guidelines on land use management standards within SRF for project developers
  - Research Agenda

## Day 3: Field trip 9.00 – 16.00



Monviso the highest peak of the Cuneo province ANC has developed a clone adapted to cooler climates called 'Monviso'.

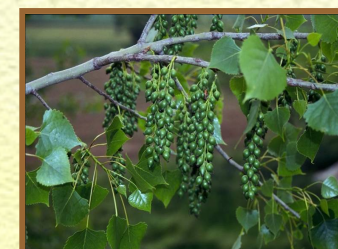
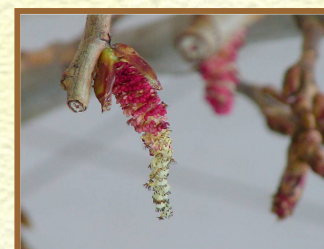
### Alasia Franco Vivai Farm.

Alasia carries out an internal poplar and willow breeding program to develop clones suitable for biomass production and for veneer log production.

The plant material used for controlled crosses by Alasia Franco Vivai comes from seed collections made by the company from natural poplar stands in Europe, USA and Asia since 1985.

### Field trip programme

1. Visiting fields of ANC
2. Networking lunch
3. Q&A session with Alasia New Clones including presentation on harvesting machines for SRF with the developers





# Seminar

## How to participate in modern information networks on agriculture and renewable energy.

**17 June 2011 Budapest, Hungary**

This is a separate event in time and location however related to the final international Benwood conference in Barolo, Italy.

At this event, participants will learn about existing networks among scientists such as the ESCORENA network which has been founded under the auspices of FAO, efficient networks among farmers in countries such as India and the possibilities of joining the according exchange of information in the area of agriculture and renewable energy worldwide.

### Target audience:

Project developers/investors, researchers, policy makers and other stakeholders in the field of agriculture and renewable energy.

### Seminar programme

1. Formation of networks, contact systems between and researchers, national authorities and FAO, knowledge of policies that support formation of networks – *Mr Michal Demes, FAO REU Information management Officer*
2. Analyzing gaps in communication between farmers and researchers/authorities  
*Ms Nevena Alexandrova, FAO REU Research and Biotechnology Officer*
3. Extensive support for successful adoption of farm technologies in India  
*Dr Rajin Sharma, Associate Professor, Punjab Agricultural University*
3. Dissemination strategies – *Dr Laszlo Gabor Papocsi*
5. FAO forestry activities in the Europe and Central Asia – *Dr Norbert Winkler, FAO SEU Forestry Officer*
6. People's participation in water resource development and energy conservation and role of extension in transfer of technologies - *Dr Subhash C. Sharma, Director and Chief Scientist, Punjab Agricultural University*



### Venue:

FAO regional office  
Benczur utca 34  
1068 Budapest, Hungary

**For registration fee see below.**



# Fees, location, contact...

## Registration fee

Item	By 15 May (Euro)	By 15 June (Euro)	Service
First day	110	130	Conference, lunch, 2 coffee breaks.
Networking dinner	40	40	Dinner (on first day).
Second day	110	130	Conference, lunch, 2 coffee breaks.
Field trip	80	100	Excursion, transport, lunch, Q&A session.
Full package 1	300	350	Full Barolo (All the above service.)
Linked event in Budapest	60	80	Conference, lunch, 2 coffee breaks.
Full package 2	350	410	Full Barolo + Budapest

### Venue in Barolo, Italy:

Marchesi di Barolo  
Via Roma 1  
120 38 Barolo, Italy  
[www.marchesibarolo.com](http://www.marchesibarolo.com)

### Venue in Budapest, Hungary:

FAO regional office  
Benczur utca 34  
1068 Budapest, Hungary

For registration and other information on both events (in Italy and in Hungary) please go to [www.benwood.eu](http://www.benwood.eu).

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### Benwood Project Partners:

