



# International Consultation on Pro-poor Jatropha Development

10-11 April 2008

Casa San Bernardo Via Laurentina 289 00142 Rome, Italy Phone +39 06 5407651



Enabling poor rural people  
to overcome poverty



We would like to thank the Prince Albert II of Monaco Foundation for their contribution to this effort



# Agenda

The consultation is designed to support the recently-approved research grant financed by the International Fund for Agricultural Development (IFAD), which, *inter alia*, aims to develop appropriate technologies to intensify bio-fuel feedstock production, study the economics of rural electrification and assess its impact on poverty. The ultimate goal of the research is to mainstream a pro-poor bio-fuel component in IFAD's lending programme. The research grant aims to improve the productivity of four crops – sweet sorghum and cassava (for bio-ethanol production), and *Jatropha Curcas* and *Pongamia Pinnata* (for bio-diesel production) – as well as to conduct field trials of these crops. In order to expedite the research, IFAD has planned three consultations on the most promising bio-fuel crops. The first consultation on sweet sorghum was held in November 2007. This consultation, planned for April 10-11, 2008, is organized to assess the status of current knowledge on *jatropha* with a view to expediting the research results. The final consultation will be on cassava.

The consultation is expected to:

- increase knowledge on the risks and rewards associated with *jatropha* development;
- recommend measures to expedite research on improving plant productivity;
- recommend measures for increasing production through better agronomic practices;
- provide a platform for promoting sustainable *jatropha* development;
- identify successful models and approaches for promoting *jatropha* development;
- explore and enhance financing for *jatropha* projects through IFAD and other partners; and,
- facilitate responsible public-private partnerships to benefit the poor.

This consultation will build on and enhance the work of other United Nations agencies – Food and Agriculture Organization (FAO), United Nations Environment Program (UNEP), UN Department of Economic and Social Affairs (UNDESA) – in advancing the sustainable development of *jatropha* for the poor.

The target audience for this meeting includes IFAD staff (particularly Country Programme Managers, who actually manage the lending programme at the country level), international and multilateral development organizations (including UN agencies), research institutions, donors, policy makers, NGOs, the private sector, foundations, academia, and the media.

# Day 1

■ 09:00-09:30

## I. Opening Comments

Moderator: Eric Kueneman  
Chief, Crop and Grassland Service, IFAD

### Welcome Remarks

Kanayo Nwanze  
Vice President, IFAD

### Meeting Goals and Objectives

Vineet Raswant  
Vineet Raswant, Senior Technical Adviser, IFAD

■ 09:30-11:15

## II. Risks and Rewards for Small Scale Producers

Moderator: Jeff Tschirley  
Chair, FAO Bioenergy Working Group

### Sustainable Use of Jatropha for Rural Development

Richard Burge  
Director, Kimberley Burge

### Jatropha Marketing and Promotion

Abiodun Olaniyi  
President, Centre for Jatropha Promotions&Biofuels-Jakolgate International

### Improving Plant Performance

Janet E. Hawkes  
Strategic Partner, RPM Ecosystems

### Pro-poor Jatropha Investments: Problems and Solutions

Andreas Renner  
Director, Development Investments, GEXSI - The Global Exchange for Social Investment

■ 10:30-10:45 Coffee Break

■ 10:45-11:15 Group Discussion

■ 11:15-12:30

## III. Country Perspectives: Food and Fuel Development

Moderator: Melinda Kimble  
Senior Vice President, UN Foundation

### Keynote Address: Perspective of Bioenergy and Jatropha in Latin America and the Caribbean

Christopher Hansen  
Deputy Director General, Inter-American Institute for Cooperation in Agriculture

### Perspective of Bioenergy and Jatropha in Uganda

William Kyamuhangire  
Associate Professor, Department of Food and Technology, Makerere University

### Perspective of Bioenergy and Jatropha in China

Heinz-Peter Mang  
Bioenergy Adviser and Manager, Department of Civil and Environmental Engineering, Beijing University of Science and Technology

■ 12:00-12:30 Group Discussion

■ 12:30-13:30 Lunch Break

■ 13:30-16:00

## IV. Roundtable on Financing Jatropha Development

Moderator: Rodney Cooke  
Director, Technical Advisory Division, IFAD

### (a) Private Sector Support to Pro-Poor Jatropha Development

Syngenta International AG, Dilip Gokhale  
Head of Bio-fuels Development

Founder of D1 Oils, Karl Watkin

Cazenave and Associates, Antonio Tomás Parsons  
Director, Agricultural Adviser, Manager and Producer

### (b) Multilateral Perspectives

Overview of International Financing Institutions Working on Bio-fuels: the World Bank and Inter-American Development Bank, Judy Siegel  
President, Energy and Security Group

### (c) Foundation Perspectives

Bill & Melinda Gates Foundation, Prabhu Pingali  
Head, Agricultural Policy and Statistics Division

Syngenta Foundation, Marco Ferroni  
Executive Director

■ 14:30-14:45 Coffee Break

■ 14:45-16:00 Group Discussion

■ 16:00-17:30

## V. Policies and Programs for Jatropha Development for the Rural Poor

Moderator: Shantanu Mathur  
Coordinator, Grants Programme, Technical Advisory Division, IFAD

### Opportunities for Smallholder Farmers in Developing Countries

Daniel De La Torre Ugarte  
Associate Professor and Associate Director, Agricultural Policy and Analysis Center, University of Tennessee

### Jatropha Projects in Southern Africa

Annie Sugrue  
Coordinator, Citizens United for Renewable Energy and Sustainability

### Lessons Learned: A Brazilian Programme for Procuring Feedstock from the Smallholders

Edna de Cássia Carmélio  
Bio-fuel Adviser, Brazil

### Experience with Jatropha in Peru and Honduras

Peter Thoenes  
Economist, Trade and Markets Division, FAO

■ 17:00-17:30 Group Discussion

■ 17:30-18:00 Wrap up by Eric Kueneman, FAO

# Day 2

■ 9:00-9:15

## Overview of Day 1

Eric Kueneman, FAO

■ 9:15- 9:30

## VI. Summary of UNEP's Roundtable

### UNEP: Empowering Rural Communities by Planting Energy Crops in Developing Regions

Martina Otto

Head, Policy Unit, Energy Branch - Division of Technology, Industry & Economics, UNEP

■ 9:30 - 10:45

## VII. Breeding

Moderator: Eric Kueneman

Chief, Crop and Grassland Service, FAO

### Keynote Address: Towards the Development of New Jatropha Varieties: Molecular and Biochemical Analysis of Toxic and Non-toxic Lines

Ian Graham

Professor, Centre for Novel Agricultural Products, Department of Biology, University of York

### Genetic Markers for Jatropha Biodiversity Evaluation and Breeding

Yan Hong

Director, Plant Biotechnology Group, Strategic Research Program, Temasek Life Sciences Laboratory

### A System Approach to Identify Desired Crop Traits for Breeding of Jatropha Curcas

R.E.E. (Raymond) Jongschaap

Researcher, Plant Research International, Wageningen University

■ 10:15-10:45 Group Discussion

■ 10:45-11:00 Coffee Break

■ 11:00-12:15

## VIII. Agronomy and Improving Output and Production

Moderator: NeBambi Lutaladio

Agricultural Officer, Crop and Grassland Service, FAO

### Technology Interventions for Increasing Jatropha Yields

Vibha Dhawan

Vice Chancellor, Tata Energy Research Institute (TERI), School of Advanced Studies

### Understanding the Jatropha System

Reinhard K. Henning

Consultant on Jatropha Curcas and other Biomass and Renewable Energy Technologies

### Pro-Poor Biodiesel Initiative for Rehabilitating Degraded Drylands

Suhas P. Wani

Principal Scientist, ICRISAT India

■ 11:45-12:15 Group Discussion

■ 12:15-13:15 Lunch Break

■ 13:15-14:15

## IX. Post-Harvest Technologies, Rural Electrification and Alternative By-Products from Jatropha

Moderator: Jeremy Tomkinson

Chief Executive Officer, UK National Non Food Crop Centre

### Experience in Use of By-Products in India with Focus on Rural Electrification

Jai Uppal

Senior Adviser, Center for Alternate Energy Research (CAER)

### Alternative By-Products from Jatropha

Frederique Rosa e Abreu

General Coordinator of Agroenergy, Ministry of Agriculture, Livestock and Food Supply, Brazil

■ 13:45-14:15 Group Discussion

■ 14:15-16:15

## X. Can We Make Jatropha Work for the Poor?

Facilitator of Group Discussion: Judy Siegel

President, Energy and Security Group

■ 14:15-16:00 Facilitated Group Discussion

■ 16:00-16:15 Coffee Break

■ 16:15-17:00

## XI. Closing Remarks

Rodney Cooke

Director, Technical Advisory Division, IFAD

