



ECOWAS – GBEP REGIONAL BIOMASS RESOURCE ASSESSMENT WORKSHOP

Rome, Italy

FAO Headquarters, King Faisal room

13-14 November 2012

Programme

The Workshop contributes to the:



**2012 INTERNATIONAL YEAR OF
SUSTAINABLE ENERGY
FOR ALL**

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Time	Tuesday, 13 th November 2012
8:30 – 9:00	REGISTRATION OF PARTICIPANTS
9:00 – 9:30	<p>Welcome and Opening REMARKS</p> <p>Executive Director ECREEE: <i>Mahama Kappiah</i></p> <p>GBEP Executive Secretary: <i>Michela M. Morese, Ph.D.</i></p> <p>United States: <i>Gerard J. Ostheimer, Ph.D.</i> (U.S. Department of Agriculture)</p>
9:30 – 11:00	<p>SESSION 1A: National Biomass Resource Assessments</p> <p>Presentation and discussion of National Biomass Resource Assessments for the</p> <p>United States: Billion Ton Study Update – <i>Bryce J. Stokes, Ph.D.</i> (CNJV/U.S. Department of Energy)</p> <p>ECOWAS: Novel Bioenergy Crop Assessment - <i>Henk Joos (QUINVITA)</i></p> <p>Senegal: Agro-Environmental mapping of biofuels production potential in Senegal - <i>Abdou Ndour (Enda Energie)</i></p>
11:00 – 11:15	Coffee Break
11:15 – 12:45	<p>SESSION 1B: National Biomass Resource Assessments (continued)</p> <p>Netherlands: Availability of local biomass for production of electricity and heat in the Netherlands in 2020 – <i>Wolter Elbersen, Ph.D.</i> (Wageningen UR Food and Biobased Research)</p> <p>Senegal: Agro-environmental zoning and feasibility analysis: Senegal case – <i>Giuliano Senatore (FGV)</i></p> <p>Mozambique: ‘Go’ and ‘No go’ areas for biomass production in Mozambique identified by top-down land use modeling and bottom-up data gathering – <i>Floor van der Hilst, (Copernicus Institute of Sustainable Development, Utrecht University)</i></p>
12:45 - 13:30	Lunch Break
13:30 –	SESSION 2A: Status of Biomass Resource Assessment in the ECOWAS Region



15:00	<p>ECOWAS member state delegates will give short talks in which they</p> <ol style="list-style-type: none"> 1) Inventory the various energy and bioenergy resources uses & potentials, how these are used and quantities (technologies/devices) used for cooking (i.e. heating using wood, charcoal, LPG, biogas, etc), institutions using them, share of biomass used as compared to other energy sources used: petroleum products, electricity, other renewables by quantities or other units for as many years as possible. 2) Identify relevant previous work on biomass resource assessment for their country <p>Session 2B will be a panel discussion and summary in which experts in resource assessment note the emergent themes, share their observations and give feedback for the delegate presentations.</p>
15:00 – 15:15	Short Break
15:15 – 15:45	SESSION 2B: Panel Review and Discussion of ECOWAS Member State Reports
15:45 – 16:45	<p>SESSION 3: Critical Issues in Natural Resource Assessment: Water</p> <p>Monitoring Vegetative Land Cover and Water Use Using Satellite Imagery <i>Feng Gao, Ph.D. (U.S. Department of Agriculture, Agricultural Research Service)</i></p> <p>Water resources for biomass production <i>Kevin Fingerman, Ph.D. (GBEP Secretariat)</i></p>
16:45 – 17:00	Short Break
17:00 – 17:30	Group discussion, Summary and Planning for Day 2
19:30	Voluntary, No-Host Group Dinners, locations TBD



Time	Wednesday, 14th November 2012
9:00 – 10:30	<p>SESSION 4: Biomass Resource Assessment – Vegetation/Land Cover Mapping</p> <p>FAO approach on land cover mapping. First results of the Fouta Djallon Highlands mapping initiative <i>Ilaria Rosati, Ph.D. (UN FAO, NRL)</i></p> <p>Woodfuel Integrated Supply/Demand Overview Mapping (WISDOM) <i>Rudi Drigo, M.S.</i></p> <p>The essential role and best practices for ground-truthing GIS data <i>Helen Watson, Ph.D. (University Kwazulu Natal)</i></p>
10:30 – 10:45	Short Break
10:45 – 12:15	<p>SESSION 5: Natural Resource Assessments: Soil and Biodiversity</p> <p>Opportunities and Challenges of Bioenergy and Biodiversity <i>David Coates (Convention on Biological Diversity Secretariat, Environmental Affairs Officer)</i></p> <p>Soil Quality and Soil Carbon Assessment <i>Ron Follett, Ph.D. (U.S. Department of Agriculture, Agricultural Research Service)</i></p> <p>Biomass and carbon reporting for the Global Forest Resources Assessment (FRA) <i>Örjan Jonsson (UN FAO)</i></p> <p>FAO tools and data sources for Biomass and Carbon Resource Assessment <i>Tools for National Forest Monitoring Systems in the context of REDD+</i> <i>Dr. Inge Jonckheere, Ph.D. (UN FAO, UN-REDD)</i></p>
12:15 - 13:15	Lunch Break
13:45 – 14:45	<p>Session 6a: Discussion Session</p> <p>Topic 1: FAO Toolboxes for Land cover Mapping and Fire Detection</p>



	<i>Ilaria Rosati and Antonio Martucci (UN FAO, NRL)</i>
14:45 – 15:00	Short Break
15:00 – 16:00	Session 6b: Discussion Session Topic 2: FAO BEFS Bioenergy Investment Appraisal Tool: Overview and Demonstration <i>Andrea Rossi (UN FAO, BEFS)</i>
16:00 – 16:30	Coffee Break
16:30 – 17:30	Session 7: Summary and Next Steps 1) Klas Sander (World Bank) will make a short presentation on the energy resource mapping efforts being coordinated by the World Bank 2) Raffi Balian (U.S.) and Bah Saho (ECOWAS ECREEE) will lead a conversation that seeks to summarize the accomplishments of the workshop, identify areas of data collection and capacity building most relevant to the ECOWAS region and create a short list of next steps for the region and for collaborations between delegates and between delegates and international experts.
18:00 – 19:00	Reception
19:00	No-Host Group Dinner

Contacts	
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