



BLP 2025 - TUESDAY, JANUARY 28

8h00 - 8h30 - COFFEE RECEPTION (*bananier hall*)

8h30 - 10h00 - INTRODUCTORY PLENARY SESSION (*amphitheatre*)

- *Welcome from the organization - Conference objectives and challenges*
CEO of CIRAD - Organizing committee
- *Commitment of donors and promotion of innovation at the local level among economic stakeholders in West Africa*
Christophe LAROSE, European Union
- *The challenges related to the development of bioenergy for productive purposes*
Agence Française de Développement (speaker to be confirmed)
- *Issues linked to the development of and access to short-circuit energy as part of a local approach*
Alexandre LEGRIS, Agence de Programme sur l'Énergie Décarbonée
- *Renewable energy development strategy in West Africa*
Dr Mawufemo MODJINO, ECOWAS Center for Renewable Energy and Energy Efficiency (ECREE)

10h30 - 12h30 - PLENARY SESSION (*amphitheatre*)

- *Bioenergies: challenges linked to the development of medium-power local energy solutions*
Pr. Dr. Joachim MÜLLER, Hohenheim University
- *How to accelerate grassroot innovations: inspirations from UNPD Accelerator Labs*
Gina LUCARELLI, UNDP Accelerator Lab
- *Scaling innovation : from readiness to application*
Murat SARTAS, Innovation and Scaling Lead, Alliance of Bioversity and CIAT & IITA

12H30 - 14H00 - COCKTAIL RECEPTION

14h00 - 18h00 - THEMATIC SESSIONS

Technical developments dedicated to the use of biomass energy by enterprises: Local biomass & processes (*amphitheatre*)

- *BioStar Project: Co-design of a shea nut roaster using churning sludge as fuel*
Sayon SIDIBIE, Ousmane DIMA, 2iE - Hervé JEANMART, Catholic University of Louvain
- *Challenges and issues in biomass conditioning*
Matthieu CAMPARGUE, RAGT Énergie
- *Pre-composting of inputs in continuous dry batch methanization: Issues and recommendations*
Diana GARCIA-BERNET, LBE-INRAE
- *BioStar project: co-design of a cashew nut shell staged combustion boiler*
Alexandre Parfait SANOU, 2iE - Laurent VAN DE STEENE, CIRAD
- *Pyrolysis of agricultural wastes with the Brazilian Kiln*
Patrick ROUSSET, CIRAD
- *Pyrolysis of cashew nut shells in Burkina Faso*
Étienne PERRIER, Magloire SACLA-AÏDE, Nitidæ

Large-scale deployment of locally developed technologies (*badiane room*)

- *Scaling flash drying : RTB Food project on scaling up small-scale cassava drying units*
Alejandro TABORDA ANDRADE, agricultural innovation consultant - Arnaud CHAPUIS, Thierry TRAN, CIRAD
- *The full story of the cashew pyrolyzer across borders: Genesis, challenges, fut*
Pascale MARTEL-NAQUIN, CEFREPADE - Pr. Thierry GODJO, UNSTIM Benin
Étienne PERRIER, Nitidæ
- *Innovation platforms as support for the dissemination and communication of innovative technologies - Feedback from DeSIRA projects around the world*
DeSIRA-LIFT
- *Hydrothermal carbonization and anaerobic digestion of agricultural and forestry waste: Practical implementation in Senegal*
Pr. Lat Grand NDIAYE et al., UASZ
- *Conception trajectories for Biostar innovations*
Chloé LECOMTE, CIRAD, et al.



BLP 2025 - WEDNESDAY, JANUARY 29

8h30 - 9h00 - COFFEE RECEPTION (*bananier hall*)

9h00 - 12h30 - PLENARY SESSION (*amphitheatre*)

- *Renewable energy development strategy in West Africa*
Dr. Mawufemo MODJINOUE, ECOWAS Center for Renewable Energy and Energy Efficiency (ECREE)
- *How can we explain the unequal treatment of renewables in Africa's energy future?*
Sadrine MICHEL, University of Montpellier
- *Feedback on the support provided to pilot SMEs by the Water and Energy for Food project in West Africa*
Nathalie WEISMAN, Water and Energy for Food, Deutsche Gesellschaft für Internationale Zusammenarbeit
- *Biomass combustion: Issues, challenges, and technological development*
Pr. Yann ROGAUME, University of Lorraine, LERMAB
- *Sustainable, local, and citizen-based heal*
Frédéric BOURGOIS, COOPÉOS

12H30 - 14H00 - COCKTAIL RECEPTION

14h00 - 18h00 - THEMATIC SESSIONS

Technical developments dedicated to the use of biomass energy by enterprises: Sustainable technologies & local contexts (*amphitheatre*)

- *BioStar Project: Co-design of a cashew nut shelling boiler powered by heat from cashew nut shell combustion*
Ibrahima MANÉ, WINDA - **Hélène DUPEUX**, CIRAD
- *Feedback on pico/micro methanization*
Luc GERUN, S3d Ingénierie
- *Cashew gasification in Cambodia*
Brice NICOLAS, IED
- *LONO project: carbon recycling biostation*
Kossia OUATTARA, WATER and ENERGY for FOOD
- *Valorization of shea tree by-products for a cooperative in northern Togo*
Aristide DEJEAN, Best Énergies
- *Biochar uses for soil amendment and water purification in Côte d'Ivoire*
BROU YAO Casimir, **YAO Kouassi Benjamin**, Institut National Polytechnique-Houphouët-Boigny (INP-HB)

Bioenergy as part of the circular economy (*badiane room*)

- *Bioenergy and territorial development: The experience of biogas digesters in West Africa*
Xavier BAMBARA, former coordinator of Burkina Faso's national biodigester program and of the west african biodigester Alliance
- *The development dynamics of the occitan biogas and biomethane sector: An evaluation of the innovation system in terms of its circularity*
Clément BONNET, University of Montpellier
- *Evaluating the impacts of bioenergy on the working conditions of workers in SMEs in Senegal and Burkina Faso*
Mohamed PORGO, University of Thomas Sankara - **Mamadou Bobo BARRY**, ISRA
Pierre GIRARD, CIRAD, *et al.*, Projet BioStar
- *Analysis of the environmental and health impact of cashew nut shell energy recovery in Burkina Faso*
Marie SAWADOGO, 2iE
- *Characterisation of West-African agricultural waste as feedstock for thermochemical conversion processes*
Capucine DUPONT et al., IHE Delft
- *A participation exploration of the expected impacts of technological change on small and medium agro-processing enterprises in Burkina Faso and Senegal*
Livia BARTOLOMEI, Université ROMA TRE

18H30 - COCKTAIL RECEPTION



BLP 2025 - THURSDAY, JANUARY 30

8h30 - 9h00 - COFFEE RECEPTION (*bananier hall*)

9h00 - 10h20 - PLENARY SESSION (*amphitheatre*)

- *BioStar : bioenergy for SMEs in West Africa*
Joël BLIN, CIRAD
- *Bio4Africa : bio-based solutions for sustainable agri-food systems in rural Africa*
Jean-Michel COMMANDRE, CIRAD

10h50 - 12h30 - DISCUSSION PANEL (*amphitheatre*)

Development and adaptation of technical solutions:

Contextual and local approaches

Testimonials from key players, followed by discussion with participants

10h50 - 12h30 - BIO4AFRICA FINAL CONFERENCE (*badiane room*)

Green valorization of agricultural wastes - Moderator: Knud TYBIRK, FBCD

- *Biomass pelletization for energy and biorefinery use*
Benjamin RABDEAU et al., RAGT
- *Green protein products from fresh leaves by biorefinery in Uganda*
Wim VAN DOORN, Mohammed SHARIFF, KRC
- *Novel biorefinery whey applications*
Aleksandra AUGUSTYNIAK et al., MTU
- *Up-grading agro-wastes from western Africa in biocomposites applications*
Souha MANSOUR et al., CIRAD
- *Bioeconomy effects in rural Ghana*
Moses N'GANWANI TIA et al., Savanet

12H30 - 14H00 - COCKTAIL RECEPTION

14h00 - 15h00 - PLENARY SESSION (*amphitheatre*)

- *Strategy for the development of bioenergy for productive purposes at the local level*
Agence Française de Développement (*speaker to be confirmed*)
- *Projets Nexus énergie Eau Alimentation & économie Circulaire*
Vanessa MARTOS POZO, ECOWAS Center for Renewable Energy and Energy Efficiency (ECREE)

15h00 - 16h00 - DISCUSSION PANEL (*amphitheatre*)

Contribution of bioenergy to local sustainability:

Social, economic, and environmental

Testimonials from key players, followed by discussion with participants

14h00 - 16h00 - BIO4AFRICA FINAL CONFERENCE (*badiane room*)

Sustainability, business, outreach and policy recommendations

Moderator: Marie-France THEVENON, CIRAD

- *Life Cycle Assessment results on the technologies of Bio4Africa*
Giorgios LANARAS-MAMOUNIS, DREVEN
- *Circular business models for small-scale biobased technologies in rural Africa: Co-creation and validation with local stakeholders*
Evangelia TSAGARAKI, Q-PLAN INTERNATIONAL - Morris EGESA, AFAAS
- *Bridging innovation and practice: Reaching smallholder farmers with bio-based solutions for sustainable agriculture in Africa*
Robert KUBAI, EAFF - Morris EGESA, AFAAS
- *Summary of policy recommendations to enhance bioeconomy*
Daniel WILLY, AATF

16h00 - 17h00 - RESTITUTION & CONCLUSION (*amphitheatre*)